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The butterflies and moths of Hampshire and the Isle of Wight: additions and corrections.

B. Goater

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Foreword

Since the publication of *The butterflies and moths of Hampshire and the Isle of Wight* in 1974, much work has been done in the three vice-counties, particularly with the microlepidoptera. Anticipating this, a Supplement was planned ten years on, but such has been the pace of research that it was deemed best to wait for fifteen years to elapse before writing up the plethora of new records. Since 1974, Hampshire entomology has lost one of its most energetic and eminent lepidopterists, Denzil Ffennell, and this Supplement, which would have been far richer had he lived, is dedicated to his Memory.

B. Goater.

Introduction

Presentation of records

The same format is used in this Supplement as was employed in 1974, but nomenclature has been brought up to date, and is based on Bradley & Fletcher (1979). The sequence of species has also been revised in some families, notably the Tortricidae. To facilitate cross reference with the original list, all new names have been synonymised with those used in 1974, and the 1974 page references are given. In addition, the species are now numbered. All records given in the list of New and Confirmed Records of Lepidoptera in Hampshire and the Isle of Wight since 1974 (Goater 1983) are included verbatim in the Supplement, to facilitate access.

Contributors

The following entomologists have kindly submitted records for this Supplement:

D.J.L. Agassiz	DJLA	
D.V. Alford	DVA	Isle of Wight
P. & R. Allison		
D.M. Appleton, see G.R. Else		
B.R. Baker	BRB	Pamber Forest
R.A. Bell	RAB	Crawley & other localities
the late R.F. Bretherton	RFB	
R. Bristow		numerous butterfly records
J.E. Chainey	JEC	Emery Down
Cdr J.M. Cheverton	JMC	Shanklin & other localities
Dr J. Clarke	JC	New Forest district
Dr J.C.A. Craik	JCAC	Ashurst
P.J. Cramp	PJC	Godshell, Isle of Wight
S.R. Davey	SRD	Winchester (v.c. 11)
R.J. Dickson	RJD	Catisfield & elsewhere
the late C.H. Dixon	CHD	Micheldever
A.H. Dobson	AHD	Basingstoke area
G.R. Else & D.M. Appleton	E & A	Fareham district
Lt Col A.M. Emmet	AME	various localities
the late D.W.H. Ffennell	DWHF	Martyr Worthy & other localities
W.R.L. Gilchrist	WRLG	Monk Sherborne & elsewhere
A.G. Goodall	AGG	Fareham
the late Lt Col J.A.C. Greenwood	JACG	Petersfield district
R.J.B. Hoare		Winchester
N. Holland	NH	Queen's Bower, Sandown, Isle of Wight
the late Dr J.W.O. Holmes	JWOH	Bordon district
Dr R.J. Hornby	RJH	East Woodhay
D.J. Hunnybun		Cowes, Isle of Wight
B. Ivon-Jones	BI-J	East Stratton, nr Winchester
M. Jordan	MJ	Weyhill

S.A. Knill-Jones	SAK-J	Freshwater, Isle of Wight
Dr J.R. Langmaid	JRL	Southsea & many other localities
the late Lt Col C.W. Mackworth-Praed	CWM-P	Burley
Miss M.D. Noble	MDN	New Milton
M.R. Oates	MRO	butterfly records
the late D. Ollevant	DO	Farnborough
Dr D. Owen	DO	Stoke Charity
the late E.C. Pelham-Clinton	ECP-C	various localities
C. Pepin	CP	Hengistbury Head
J.W. Phillips	JWP	Havant
A.J. Pickles	AJP	Lymington
C.W. Pierce	CWP	various localities
R.A. Plumbley	RAP	Waterlooville
P.M. Potts	PMP	Widley & Titchfield Haven
D. Owen		
P. Raymond	PR	South Warnborough
M.T.M. Roberts	MTMR	Cosham
D. & G. Reavey		North Baddesley
A.C.R. Redgrave		
the late H.S. Robinson	HSR	Farrington
the late P.J.M. Robinson	PJMR	Sandydown
Brig. E.C.L. Simpson	ECLS	
Prof. C.C. Smith	CCS	Isle of Wight
Dr F.H.N. Smith	FHNS	Medstead & elsewhere
the late F.C. Stanley	FCS	Rowlands Castle
Col D.H. Sterling*	DHS	Winchester & many other localities
Rear Ad. A.D. Torlesse	ADT	Sway & elsewhere
M.W. de C. Trasenster	MWCT	Upton Grey
R.W.J. Uffen	RWJU	various localities
M.R. Vincent		
J.M. Walters	JMW	Hayling Island
P. Waring	PW	Nature Conservancy Council
Dr I.A. Watkinson	IAW	Bursledon & elsewhere
J. Wells		Winchester
A.S. Wheeler	ASW	Isle of Wight
K.J. Wheeler	KJW	Fareham & Portchester
E.H. Wild	EHW	Highcliffe
Winchester College		
Natural History Society	WCNHS	Winchester & elsewhere
T.G. Winter	TGW	Alice Holt
the late Baron C.G.M. de Worms	CGMW	various localities
the late D. Wright	DW	Whitehill
D. Young	DY	various localities

* includes the records of M.J. & P.H. Sterling

In addition, Dr I.D. Wallace extracted East Woodhay records from the collection of the late H.B. Turner, housed at the Liverpool Musuem.

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Acknowledgements

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The Forestry Commission is pleased to be associated with the production of this book which will provide a valuable source of reference details for all those interested in the butterflies and moths of Hampshire. The Forestry Commission manages large areas of woodland throughout the county from the ancient and ornamental woodlands of the New Forest to beeches on the South Downs as well as many important coniferous plantations. The value of woodland habitats for Lepidoptera is recognised in the Commission's management policies which seek to improve habitats and maintain a balance of the right food plants for different species. Butterflies in particular add greatly to peoples' enjoyment of the woods, bringing colour and life to rides and glades. The Forestry Commission through its Forest Enterprise arm, who manage the nation's forests, recognises its responsibility to enhance the nature conservation value of its estate and at the same time promote visitors' enjoyment of wildlife wherever possible.

Generous financial assistance was also received from the John Spedan Lewis Trust for the Advancement of Natural Sciences and a number of private benefactors who prefer to remain anonymous.

Dr P.A. Waring was an important catalyst in the production of this work. He also provided the photograph of the Reddish Buff *Acosmetia caliginosa* which adorns the cover.

MICROPTERIGIDAE

1. *Micropterix tunbergella* (Fabr.)
= *thunbergella* auctt.
p.1, add:
v.c.11 - Highcliffe (EHW); Braishfield, c.; Botley Wood, c.; East Meon, c. (JRL).
v.c.12 - Leckford, 1983 & '84, f.c. (DHS); Danebury Hill, 2.vi.83, moths resting on *Juniperus* at night (AHD).
2. *M. mansuetella* Zell.
p.1, add:
v.c.12 - Leckford, v. locally c. (DWHF), 26.v.82, 12 taken from flower heads of *Carex* (DHS).
3. *M. aureatella* (Scop.)
p.1, add:
v.c.11 - Mallard Wood, 6.vi.86, one flying by day; Fletchwood Copse, Ashurst, 6.vi.86 (DHS); Woosons Hill, 7.v.88, sev. flying over *Vaccinium* in sunshine (JRL, DHS); Emer Bog, few in 1984 *teste* D.M. Appleton.
4. *M. aruncella* (Scop.)
p.1, add:
v.c.10 - Shanklin, 1984 (JMC).
v.c.11 - Denny, c.; Sparsholt; Ampfield (DHS); Winchester, May, 1984 (WCNHS); Droxford, c.; Botley Wood, 2.vi.85, c.; West Walk, Wickham, 30.v.83, c.; East Meon, 1.vi.85, c. (DHS, JRL).
5. *M. calthella* (Linn.)
p.2, add:
v.c.10 - Shanklin, 1983 (JMC).
v.c.11 - Highcliffe (EHW); King's Somborne, c.; Emer Bog, 5.v.84, c.; Teg Down, Winchester, c.; Botley Wood, v.c. (DHS, JRL).

ERIOCRANIIDAE

6. *Eriocrania (Dyseriocrania) subpurpurella* (Haw.)
p.2, add:
v.c.11 - Highcliffe (EHW); Denny Inc., 7.v.78, loc.f.c. (AHD); Sparsholt, f.c.; Emer Bog, iv.1984, c. (DHS); Southwick, f.c.; Knowle, f.c.; Botley Wood, c.; Wickham, v.c.; Droxford, c.; Gosport, v.c.; Havant Thicket, v.c. (JRL); Hayling Is., 1975, v.c. (DWHF).
v.c.12 - West Down, Chilbolton, 5.v.84, c.; Micheldever, 2.v.83, one (DHS, JRL); Armsworth (DWHF); Bartley Heath Reserve, Hook, 1988, sc.; Bramley Frith Wood, 7.iv.88, c. (AHD).
7. *E. (Heringocrania) chrysolepidella* (Zell.)
v.c.11 - Botley Wood, 20.iv.74, female by D. Appleton in coll. R.J. Dickson; 28.iii.76, plentiful amongst *Corylus*, genitalia checked (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 75); Queen Elizabeth Forest, Petersfield, loc.f.c., genitalia checked (JRL).
v.c.12 - Itchen Valley, 4.vi.76, empty mines sc. (DWHF). See Goater (1983).
add:
v.c.11 - Hen Wood, East Meon, 15.v.88, many tenanted mines on *Corylus* (JRL).
8. *E. (Heringocrania) unimaculella* (Zett.)
p.2, add:
v.c.11 - Highcliffe (EHW); Emer Bog, 22.iv.84, few; Botley Wood, f.c.; Fareham, 9.iv.64, two by day; Havant Thicket, f.c. (DHS, JRL).

- v.c.12 - Itchen Valley, sc. (DWHF); Bramley Frith Wood, 7.iv.88, sc., det. DHS (AHD).
9. *E. sparrmannella* (Bosc)
p.2, add:
v.c.11 - Ashurst, 5.v.85, one; Sparsholt, loc.f.c. (JRL); Botley Wood, 9.iv.76, one by day, genitalia checked (DWHF).
v.c.12 - Bartley Heath Res., Hook, 27.iv.91, sc. (AHD). NEW VCR.
10. *E. salopiella* (Stt.)
p.2, add:
v.c.11 - Highcliffe (EHW); Parnholt Wood, 2.vi.81, f.c. (DHS); Sparsholt, 5.v.80, one; Botley Wood, sc.; East Meon, sc.; Havant Thicket, loc.f.c., first found 21.iv.74 (JRL). First records for the county since 1936.
v.c.12 - Bramley Frith Wood, 7.iv.88, loc.f.c., det. DHS (AHD). NEW VCR.
11. *E. haworthi* Bradl.
p.3, add:
v.c.11 - Highcliffe (EHW); Sparsholt, c. (DHS); Emer Bog, 23.iv.84, c. (DHS, JRL); Chandlers Ford, 19.iv.86, one; Botley Wood, v.c.; Wickham, v.c.; Havant Thicket, v.c. (JRL).
12. *E. sangii* (Wood)
p.3, add:
v.c.11 - Highcliffe (EHW); Denny Wood, 14.iv.78, one; Sparsholt, c. (DHS); Fareham, 26.iv.63, one by day (DWHF); Botley Wood, f.c.; Havant Thicket, f.c. (JRL).
v.c.12 - Chilbolton, 12.iv.76, pair *in copula* beaten from *Betula*, genitalia checked (DWHF). NEW VCR.
13. *E. semipurpurella* (Steph.)
p.3, add:
v.c.11 - Highcliffe (EHW); Parnholt Wood, 2.iv.81, f.c. (DHS); Emer Bog, c.; Botley Wood, v.c.; Wickham, v.c.; East Meon, v.c.; Knowle, c.; Havant Thicket, c. (JRL).

HEPIALIDAE

- | | | |
|-----|--|------------------|
| 14. | <i>Hepialus humuli</i> (Linn.)
p.3. | Ghost Swift |
| 15. | <i>H. sylvina</i> (Linn.)
p.3. | Orange Swift |
| 16. | <i>H. hecta</i> (Linn.)
p.4. | Gold Swift |
| 17. | <i>H. lupulinus</i> (Linn.)
p.4. | Common Swift |
| 18. | <i>H. fusconebulosus</i> (Deg.)
p.4, delete:
v.c.11 - Minstead, singletons at light, 1961, 1966, 1967 (LWS).
add:
v.c.11 - Sparsholt, 19.vi.79, c. at dusk; Winchester, 30.v.82, one at m.v. light in recorder's garden (DHS). | Map-winged Swift |

NEPTICULIDAE

19. *Bohemannia quadrimaculella* (Boh.)
p.15.
20. *B. auriciliella* (Joan.)
= *bradfordi* Emmet

v.c.11 - Southampton, 11.vii.37, by W. Fassnidge, in coll. late Carolsfeld-Krause, Copenhagen: the second British specimen. (van Nieuwerkerken, 1986, *Entomologist's Gaz.* 37: 207-208). NEW COUNTY RECORD.
21. *Etainia decentella* (H.-S.)
p.15, add:
v.c.11 - Winchester, c.10 at m.v.light, 2.vii.77; one mine in fruit of *Acer pseudoplatanus* (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315), also a few at m.v.light, 1983, '84 & '86 (DHS); Southsea, sc. at m.v.light (JRL).
22. *E. sericopeza* (Zell.)
p.15.
v.c.12 - Itchen Valley, cocoons loc.c. on trunks of *Acer platanoides*, moths bred (DWHF). See also Emmet & Johnson, 1977, *Entomologist's Rec.J.Var.* 89: 257-264, pl.20. See Goater (1983).

add:
v.c.11 - Winchester, one bred from cocoon on leaf of *Ulmus* under *Acer platanoides* tree, found 17.viii.1984, moth em. 19.viii.84 (DHS). NEW VCR.
23. *E. sphendamni* (Her.)
p.15, add:
v.c.10 - St. Helens, 5.viii.87, sev. mines (JRL, ECP-C).
24. *Ectoedemia argyropeza* (Zell.)
p.14, add:
v.c.10 - Freshwater, 28.x.84 by R.P.Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 170). NEW VCR.
v.c.11 - Twyford, 6.xi.76, a few larvae (DWHF); Botley Wood and Havant Thicket, mines f.c. on *Populus tremula* (JRL).
v.c.12 - Harewood Forest, 15.xi.86, mines f.c. (JRL, DHS); Hook, 3.xi.76, larvae c. (DWHF).
25. *E. intimella* (Zell.)
p.14, add:
v.c.10 - Cranmore, 25.x.75, mines sc. on *Salix* (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272). NEW VCR.
v.c.11 - Holmesley, 20.x.75, three larvae; Ampfield, mines seen (DWHF); Botley Wood, mines f.c. on *Salix caprea* (JRL). NEW VCR.
v.c.12 - Leckford, 2.xi.75, two larvae on *S. caprea* (DWHF).
26. *E. agrimoniae* (Frey)
p.13, add:
v.c.10 - Yarmouth, 24.x.85, sev. mines on *Agrimonia* (DHS).
v.c.11 - Botley Wood, 10.xi.84, pupae in mines in leaves of *Agrimonia*, one moth bred (JRL); Horsea Is., 10.x.85 and Portsdown Hill, 20.ix.86, many mines (JRL, DHS).
27. *E. spinosella* (Joan.)
p.13, add:
v.c.10 - Ventnor, 22.viii.75, mines v.c. on *Prunus spinosa* on south-facing side of hedge close to sea (Johnson, 1976, *Entomologist's Rec.J.Var.* 88: 272). NEW VCR.

28. *E. angulifasciella* (Stt.)
p.13, add:
v.c.10 - Near Yarmouth & in Parkhurst Forest, 25.x.75, mines on *Rosa* (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272). NEW VCR.
v.c.11 - Sparsholt, 18 & 30.x.86, few mines on *Rosa* (DHS); Botley Wood, mines on *R. canina*; Droxford, mines v.loc. on *R. canina*; Horsea Is., 5.xi.85, one vacated mine (JRL); Sinah Common, Hayling Is., mines c. (JW).
v.c.12 - Leckford, 18.x.86, few mines on *Rosa* (DHS); Leckford, 2.xi.75, one empty mine on *Rosa* in hedgerow; Itchen Valley, 1975, moths bred (DWHF).
29. *E. atricollis* (Stt.)
p.13, add:
v.c.11 - Ampfield, 1975, mines (DWHF); Ashurst; Sparsholt, mines; Emer Bog, 26.ix.87, few tenanted mines; Teg Down, Winchester, mines; Portsmouth, c.; Horsea Is., 26.ix.85, one tenanted mine on *Crataegus* (JRL, DHS).
v.c.12 - Leckford, 1985 & 1986, mines (JRL, DHS); Leckford, one bred from *Malus*; Abbots Ann, 1975, mines; Nether Wallop, 1975, mines; Stratfield Saye, 1975, mines (DWHF).
30. *E. arcuatella* (H.-S.)
p.13.
31. *E. rubivora* Wocke
p.13, add:
v.c.11 - Sparsholt, 14.x.84, mines; Oct. '86, mines v.c. on *Rubus caesius* Hen Wood, East Meon, 16.x.88, mines on *R. caesius* (JRL, DHS).
v.c.12 - Leckford, 13.x.85, mines on *R. caesius* (JRL, DHS).
32. *E. erythrogonella* (Joan.)
v.c.10 - Yarmouth, 25.x.75, mines c. on *Rubus fruticosus* agg.; Thorness Bay, mines sc. (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272).
v.c.11 - Browndown, 1974, bred from mines on *R. fruticosus* agg.; Portsea Island, 14.i.76, empty mines (DWHF); Portsmouth, mines loc.c. on *R. fruticosus* agg. bordering municipal golf course, first found Feb.1976, moths bred (JRL). See Goater (1983).
add:
v.c.11 - Portsdown, Nov.1986, few mines (JRL); Horsea Is., 10.x.85, mines; Hayling Is., 4.xi.84 & 5.x.85, mines (JRL, DHS).
33. *E. occultella* (Linn.)
= *argentipedella* (Zell.)
p.13, add:
v.c.10 - Parkhurst Forest, 25.x.75, mines exceptionally abdt. (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272).
v.c.11 - Mallard Wood, 25.v.72, male, genitalia det. (RJD); Ashurst, 22.ix.85, Sparsholt, 16.x.83, Ampfield, 28.ix.85, Emer Bog, 4.xi.84, mines (JRL, DHS); Botley Wood, Havant Thicket & Horsea Is., mines c. on *Betula* (JRL).
v.c.12 - Harewood Forest, mines on *Betula* (JRL); Leckford, 5.ix.73, few mines on *B. pendula*; Longmoor, 1975, mines (DWHF).
34. *E. minimella* (Zett.)
= *mediofasciella* (Haw.)
p.14, add:
v.c.10 - Parkhurst Forest, 25.x.75, mines f.c. on *Betula* (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272). NEW VCR.
v.c.11 - Sparsholt, 16.x.83, 14.x.84, Emer Bog, 7.xi.83, 4.xi.84, Botley Wood, 10.xi.84, 26.viii.85, mines (JRL, DHS).
v.c.12 - Harewood Forest, mines on *Betula* (JRL); Alresford, 1975, one empty mine (DWHF). NEW VCR.

35. *E. quinquella* (Bed.)
p.13, add:
v.c.11 - Emer Bog, 4.xi.84, 16.xi.85, few tenanted mines on *Quercus* (JRL, DHS).
v.c.12 - Leckford, 20.xi.72, two mines containing dead larvae (DWHF), 15.xi.86, many tenanted mines (JRL, DHS).
36. *E. albifasciella* (Hein.)
p.14, add:
v.c.11 - Ampfield, 1975, mines (DWHF); Emer Bog, 26.ix.87, few empty mines; Botley Wood, 10.ix.87, one tenanted mine & a few empty ones; Havant Thicket, 6.x.83, mines on *Quercus*; Hayling Is., 7.vi.86, one adult (JRL, DHS).
v.c.12 - Harewood Forest, mines on *Quercus* (JRL); Leckford, 13.ix.87, one tenanted mine (JRL, DHS); Longmoor, 1975, mines (DWHF).
37. *E. subbimaculella* (Haw.)
p.14, add:
v.c.10 - Parkhurst Forest, 25.x.75, tenanted mines locally plentiful (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272). Presence in v.c.10 now confirmed.
v.c.11 - Sparsholt, 15.x.85, Emer Bog, 13.x.85, 15.xi.86, mines; Portsmouth, mines c.; Hayling Is., 19.x.85, mines (JRL, DHS).
v.c.12 - Harewood Forest, 15.xi.86, mines (JRL, DHS); Leckford, 2.xi.75, mines v.c.; Longmoor, 1975, mines; Stratfield Saye, 1975, mines (DWHF); Leckford, 13.x.85, 15.xi.86, mines (JRL, DHS); Bramdean Common, 27.vi.80, adult (FHNS). NEW VCR.
38. *E. heringi* (Toll)
= *quercifoliae* (Toll)
p.14, add:
v.c.11 - Ampfield, 28.ix.85, mines; Emer Bog, 4.xi.84, 16.xi.85, few mines (JRL, DHS); Botley Wood, mines f.c. on *Quercus* (JRL). NEW VCR.
v.c.12 - Harewood Forest, 15.xi.86, two mines (JRL, DHS); Leckford, 24.x.74, one mine, moth bred; Alresford, 1975, moths bred (DWHF).
39. *E. pulverosella* (Stt.)
p.14, add:
v.c.11 - Winchester, 20.vii.87, a few mines (DHS); Hayling Is., 19.x.85, two vacated mines (JRL, DHS).
v.c.12 - Harewood Forest, mines on *Malus sylvestris* (JRL); Leckford, 6.x.72, two empty mines on *Malus* (DWHF).
40. *E. atrifrontella* (Stt.)
v.c.12 - Silchester, 17.v.76, one empty mine (DWHF). See Goater (1983).
add:
v.c.11 - Ashurst, 13.iv.85, a few old mines in bark of young oak; Botley Wood, 14.iv.85, a few old mines (JRL - AME present).
41. *Fomoria septembrella* (Stt.)
p.14, add:
v.c.11 - Sparsholt, 26.xii.84, mines, moths bred, 4.ix.86, mines (DHS); Botley Wood, 10.ix.87, a few tenanted mines; Farlington Marsh, 27.vii.87, sev. tenanted mines (JRL, DHS); Hayling Is., mines c. on *Hypericum* in garden (JW).
v.c.12 - Harewood Forest, mines on *H. perforatum* (JRL); Leckford, 7.ix.73, mines, one moth bred (DWHF).
42. *Fedalmia headleyella* (Stt.)
v.c.11 - Winchester, one larva on *Prunella vulgaris*, 1975 (DWHF).
v.c.12 - Leckford, sev. larvae taken 17.ix.76 on *P. vulgaris*, moths bred (DWHF). See Goater (1983).
add:

- v.c.10 - Tennyson Down, 28.x.84 by R.P.Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 171). NEW VCR.
- v.c.11 - Highcliffe, 7.vii.85, one at m.v.light (Wild, 1985, *Entomologist's Rec.J.Var.* 97: 164).
- v.c.12 - Leckford, mines found on 3, 4 & 18.ix.86 and 17.ix.87 (JRL, DHS).
43. *Trifurcula immundella* (Zell.)
p.15, add:
v.c.11 - Botley Wood, 26.viii.78, one, and 22.viii.79, one (DHS), c. among *Sarothamnus* (JRL).
v.c.12 - Leckford, 29.ii.76, one larva in stem of *Sarothamnus*; Itchen Valley, 1.iii.76, several feeding larvae (DWHF). NEW VCR.
44. *T. beirnei* Puplesis
= *pallidella* auctt.

v.c.11 - Southampton, 20.viii.35 by W. Fassnidge (Emmet, 1986, *Entomologist's Rec.J.Var.* 98: 134). NEW COUNTY RECORD.
45. *T. (Levarchama) cryptella* (Stt.)
p.14.
46. *T. (Levarchama) eurema* (Tutt)
p.15, add:
v.c.11 - Botley Wood, 13.vii.76, one larva (DWHF).
v.c.12 - Leckford, 7.vii.85, one flying over downland; 18.x.86, one mine, moth bred (DHS).
47. *Stigmella (Nepticula) aurella* (Fabr.)
p.11, add:

Mines v.c. on *Rubus fruticosus* agg. in all three vice-counties (JRL, DHS).
48. *S. (Nepticula) fragariella* (Heyd.)
= *nitens* (Fol.)
= *gei* (Wocke)
p.11.

Stigmella nitens and *S. gei* are now regarded as being conspecific with *S. fragariella* and the records given in Goater (1974 & 1983) should be treated in accordance with this view.

add:
v.c.11 - Ashurst, 22.ix.85, mines; Sparsholt, 14.x.84, mines (JRL, DHS); Horsea Is., 26.ix.85, mines c. on *Agrimonia* (JRL).
v.c.12 - Leckford, 5.ix.73, few mines on *A. eupatorium* (DWHF). See Goater (1983).
49. *S. (Nepticula) dulcella* (Hein.)
p.12, add:
v.c.12 - Leckford, 6.x.72, one empty mine on *Agrimonia* (DWHF).
50. *S. (Nepticula) splendidissimella* (H.-S.)
p.12, add:
v.c.11 - Sparsholt, 30.x.86, three mines on *Rubus caesius*; Hen Wood, East Meon, mines on *R. caesius* (DHS).
v.c.12 - Leckford, 30.ix.73, few mines on *R. caesius*; Alresford, mines containing larvae on *Geum rivale* and *Rubus fruticosus* agg. (DWHF). NEW VCR.

51. *S. (Nepticula) aeneofasciella* (H.-S.)
p.12.
52. *S. (Nepticula) filipendulae* (Wocke)
p.10, add:
v.c.11 - Teg Down, Winchester, mines on *Filipendula vulgaris* 16.x.90, 14.ix.91 (DHS).
v.c.12 - Leckford, 1974, bred; one leaf of *Filipendula* which contained 7 larvae yielded 6 moths (DWHF), 5 & 18.ix.86, mines (JRL, DHS).
53. *S. (Nepticula) ulmariae* (Wocke)
p.10, add:
v.c.10 - Tennyson Down, 28.x.84, by R.P. Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 171). NEW VCR.
v.c.12 - Leckford, 1975, moths bred (DWHF).
54. *S. (Nepticula) poterii* (Stt.)
p.10, add:
v.c.10 - Tennyson Down, 28.x.84, by R.P. Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 171). NEW VCR.
v.c.11 - Teg Down, Winchester, mines on *Poterium sanguisorba* 16.x.90, 29.ix.91 (DHS).
v.c.12 - Leckford, 4.x.72, one empty mine; 5.ix.73, several mines on *Poterium sanguisorba* (DWHF); 5 & 18.ix.86, 11.vii & 17.ix.87, several mines (JRL, DHS). NEW VCR.
55. *S. (Nepticula) serella* (Stt.)
p.10.
56. *S. (Nepticula) marginicolella* (Stt.)
p.12, add:
v.c.10 - Niton, mines on *Ulmus* (JRL); Brighstone, 3.viii.87, one mine; St.Helens, 5.viii.87, mines c. (JRL, ECP-C).
v.c.11 - Winchester, 1977, mines on *Ulmus procera* (DHS); Portsmouth, 5.x.85, mines (JRL, DHS); S. Hayling Is., 30.x.77, mines on *Ulmus* (JW).
v.c.12 - Leckford, 5.x.74, one mine, moth bred (DWHF), mines present on elm, 9.viii.84 and 15.xi.86 (JRL, DHS); Itchen Valley, 1975, bred (DWHF).
57. *S. (Nepticula) continuella* (Stt.)
p.12, add:
v.c.10 - Parkhurst Forest, 24.viii.75, mines f.c. on *Betula* (Johnson, 1976, *Entomologist's Rec.J.Var.* 88: 272). NEW VCR.
v.c.11 - Sparsholt, 6.x.83, Ampfield, 28.ix.85, Emer Bog, 4.xi.84, mines (JRL, DHS); Botley Wood, 13.vii.76, one larva and several empty mines (DWHF); Havant Thicket, 6.x.83, mines (JRL); Hayling Is., Sept.1986, one vacated mine on Sinah Common (JMW).
v.c.12 - Leckford, 2.ix.74, two empty mines on *Betula*; Alresford, 2.ix.76, sev. empty mines; Longmoor, 1975, mines (DWHF).
58. *S. (Nepticula) speciosa* (Frey)
p.12, add:
v.c.11 - Sparsholt and Havant Thicket, mines loc. on *Acer pseudoplatanus*; Portsmouth, 5.x.85, one vacated mine; Horsea Is., 26.ix.85, tenanted mines c. on sycamore (JRL).
v.c.12 - Winchester, 4.xi.75, two larvae on sycamore seedlings, moths bred 1976 (DWHF).
59. *S. (Nepticula) sorbi* (Stt.)
p.11, add:

- v.c.11 - Emer Bog, 7.vii.86 & 28.vi.87, few empty mines and one tenanted one (DHS).
60. *S. (Nepticula) plagicolella* (Stt.)
p.10, add:
v.c.10 - Niton, mines on *Prunus spinosa* (JRL); Ventnor, 22.x.85, mines (DHS); Haven Street, 7.viii.87 and St. Helens, 5.viii.87, mines (JRL, ECP-C).
v.c.11 - Emer Bog, mines, Sept. 1986 and June & Sept. 1987; Teg Down, Winchester, 15.x.85, mines; Sparsholt, mines c. on *Prunus spinosa*; Botley Wood, mines v.c.; Portsmouth, mines c. on *P. domestica* (JRL); Horton Heath, 1975, one larva on bullace (*P. domestica* subsp. *institia*) (DWHF); Horsea Is., 10.x.85, Hayling Is., 19.x.85, mines (JRL, DHS).
61. *S. (Nepticula) salicis* (Stt.)
p.9, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 16.x.83, mines; Emer Bog, 4.ix.86, one mine & 29.viii.87, few empty ones (DHS); Ampfield, mines; Chandlers Ford, 1975, bred (DWHF); Botley Wood, Southwick, Portsmouth, Havant Thicket, Horsea Is., mines on *Salix atrocinerea* (JRL); Hayling Is., mines c. on *Salix* (JW).
v.c.12 - Leckford, 5.x.74, few mines on *Salix*; Longparish, mines; Woolmer Forest, tenanted mines c. on *Salix*; Longmoor, 1975, mines (DWHF).
62. *S. (Nepticula) obliquella* (Hein.)
p.9, add:
v.c.11 - Portsmouth, 23.x.83, mines on *Salix fragilis* (JRL). NEW VCR.
v.c.12 - Leckford, 5.x.74, few empty mines on *S. fragilis* and *S. alba* (DWHF).
63. *S. (Nepticula) myrtillella* (Stt.)
p.9.
64. *S. (Nepticula) trimaculella* (Haw.)
p.9, add:
v.c.11 - Southsea, f.c. at m.v. light; Droxford, mines on *Populus* (JRL).
65. *S. (Nepticula) assimilella* (Zell.)
p.9, add:
v.c.11 - Botley Wood, 3.xi.90, vacated mines on *Populus tremula*; Browndown, 26.viii.85, a few old mines on *P. tremula*; Havant Thicket, 26.x.86, few empty mines; Hayling Is., 1.xi.90, 16.vii.91, mines on *Populus canescens*, moths bred (JRL).
66. *S. (Nepticula) floslactella* (Haw.)
p.10, add:
v.c.10 - Shanklin, 22.viii.84 (JMC).
v.c.11 - Hursley, 1975, mines on *Corylus* (DWHF); Sparsholt, 14.x.84 and Oct.'86, Emer Bog, 4.xi.84 & 26.ix.87; Ampfield, 28.ix.85, Botley Wood, 5.xi.83, mines on *Corylus*; Portsdown Hill, 20.ix.86, few empty mines (JRL, DHS).
v.c.12 - Harewood Forest, mines on *Corylus* (JRL); Abbots Ann, 1975, mines; Leckford, 5.x.72, few empty mines on *Corylus*; Stratfield Saye, 1975, mines (DWHF).
67. *S. (Nepticula) tityrella* (Stt.)
p.10, add:
v.c.11 - Sparsholt, 16.x.83, Emer Bog, 4.xi.84, 16.xi.85 & 26.viii.87, Ampfield, 28.ix.85, mines (JRL, DHS); Winchester, 1977, mines on *Fagus*, Hen Wood, 28.vii.88, a few mines (DHS); Droxford, Botley Wood, Havant Thicket, mines c. on *Fagus* (JRL); Soberton, 13.v.72, imago, genitalia det. (RJD).
v.c.12 - Harewood Forest, mines on *Fagus* (JRL); Leckford, mines on beech on golf course; Itchen Valley, many bred from beech, 1976 (DWHF).

68. *S. (Nepticula) pomella* (Vaugh.)
p.8, add:
v.c.12 - Leckford, 2.xi.75, one empty mine; Hook, 3.xi.76, tenanted mines abdt. on bird-sown cultivated *Malus*, up to 24 per leaf; Longmoor, mines; Northington, 1975, loc.c., moths bred (DWHF).
69. *S. (Nepticula) perpygmaeella* (Doubl.)
= *pygmaeella* (Haw.)
p.9, add:
v.c.11 - Emer Bog, 5.x.86, a few empty mines (JRL, ECP-C); Ashurst, 22.ix.85, Sparsholt, 13.x.85, empty mines (JRL, DHS); Chandlers Ford, 1974, larvae c., moths bred (DWHF); Botley Wood & Portsmouth, mines on *Crataegus* (JRL).
v.c.12 - Abbots Ann & Nether Wallop, 1975, mines; Leckford, 5.ix.73, many mines on *Crataegus* (DWHF).
70. *Stigmella ulmivora* (Fol.)
p.7, add:
v.c.11 - Portsmouth, 5.x.85, one empty mine; Horsea Is., 26.ix.85, empty mines c. (JRL).
71. *S. hemargyrella* (Koll.)
p.5, add:
v.c.11 - Highcliffe (EHW); Hen Wood, 2.v.81 (DHS); Havant Thicket, 27.x.83, mines on *Fagus* (JRL).
v.c.12 - Harewood Forest (JRL).
72. *S. atricapitella* (Haw.)
p.4, add:
v.c.11 - Otterbourne (DWHF).

v.c.12 - Leckford, 1975, bred; Alresford, 1975, bred; Itchen Valley; Longmoor, mines on *Quercus* (DWHF); Harewood Forest, mines on *Quercus* (JRL).

See Goater (1983). The other records for vice-counties 10 & 11 in Goater (1974) remain unconfirmed.

add:
v.c.11 - Ashurst, 22.ix.85, Emer Bog, 16.xi.85, moths bred, Ampfield, 28.ix.85, Botley Wood, 5.xi.83, moths bred, Portsmouth 5.x.85, Hayling Is., 19.x.85, mines f.c. in all these localities (JRL, DHS); Wickham, 26.vii.86, mines on *Castanea sativa*, moths bred (JRL).
73. *S. ruficapitella* (Haw.)
p.5, add:
v.c.10 - Parkhurst Forest, mine coll. 25.x.75, imago em. 19.iii.76 (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272).
v.c.12 - Harewood Forest, mines on *Quercus* (JRL); Leckford, Alresford, mines in 1975, bred from both localities; Armsworth, 1975; Longmoor, 1975, mines (DWHF). See Goater (1983).

add:
v.c.11 - Ashurst, 22.ix.85, mines; Sparsholt, 14.x.84, mines; Emer Bog, 16.xi.85 & 29.viii.87, mines, moths bred; Ampfield, 28.ix.85, one empty mine; Botley Wood, 5.xi.83, one mine, moth bred; Hayling Is., 19.x.85, mines (JRL, DHS).
74. *S. suberivora* (Stt.)
p.5, add:
v.c.11 - Southsea, mines f.c. (JRL); Gilkicker Point, over 30 empty mines on *Quercus ilex*, 1973 (RJD); S. Hayling Is., mines c. most years (JW).

75. *S. roborella* (Johan.)
- v.c.10 - Parkhurst Forest, mines on *Quercus*, late August, 1975; female emerged 24.iii.76, genitalia dissected (Johnson, 1976, *Entomologist's Rec.J.Var.* 88: 271-272).
- v.c.11 - Ampfield, moth bred 16.iv.76 from larva taken 23.x.75 (DWHF). See Goater (1983).
- add:
- v.c.11 - Botley Wood, 5.xi.83, mines, moths bred (JRL, DHS); Portsmouth, 5.x.85, mines; Havant Thicket, 27.x.83, a few mines, moths bred (JRL).
76. *S. svenssoni* (Johan.)
- v.c.11 - Botley Wood, 28.viii.85, one tenanted mine and a few empty ones, on *Quercus*, moth bred: det. AME (Langmaid, 1986, *Entomologist's Gaz.* 37: 116); 24.viii.86 & 10.ix.87, several mines both tenanted and empty (JRL, DHS). NEW COUNTY RECORD.
77. *S. basiguttella* (Hein.)
- p.5, add:
- v.c.11 - Emer Bog, 4.xi.84, two tenanted mines, 16.xi.85, one empty mine; Botley Wood, 10.xi.84, one empty mine; Portsmouth, 23.x.83, mines on *Quercus* (JRL, DHS).
- v.c.12 - Harewood Forest, mines on *Quercus* (JRL); Leckford, 15.xi.86, one empty mine (DHS); Alresford, 2.ix.76, one empty mine; Longmoor, 1975, mines (DWHF). NEW VCR.
78. *S. minusculella* (H.-S.)
- p.7.
79. *S. anomalella* (Goeze)
- p.8, add:
- v.c.10 - Brighstone, 18.ix.86 & 3.viii.87, mines and cocoons on *Rosa* (JRL, ECP-C).
- v.c.11 - Ashurst, 22.ix.85, Sparsholt, 16.x.83, 14.x.84, Botley Wood, mines on *Rosa* (JRL, DHS); Southsea, mines c. on *Rosa* spp. (JRL); Horsea Is., 10.x.85, Hayling Is., 4.xi.84, mines (JRL, DHS).
- v.c.12 - Leckford, 4.ix.82, 13.ix.85 & 8.xi.87, mines on *Rosa* (DHS); Longstock, 30.ix.73, mines on *Rosa*, moths em. April, 1974; Stratfield Saye, 6.xi.75, mines (DWHF).
80. *S. centifoliella* (Zell.)
- p.8, add:
- v.c.12 - Leckford, 16.x.75, sev. larvae on *Rosa canina*, moths bred (DWHF); one emerged from mines on *Rosa* collected 13.x.90 (DHS). See Goater (1983).
81. *S. viscerella* (Stt.)
- p.6, add:
- v.c.10 - Ventnor, mines on *Ulmus* (JRL).
- v.c.11 - Portsmouth, 23.x.83, mines on *Ulmus*; Horsea Is., 27.x.85, empty mines c.; Hayling Is., 1.xi.84, few empty mines (JRL).
- v.c.12 - Leckford, 15.xi.86, few mines (JRL, DHS).
82. *S. malella* (Stt.)
- p.8, add:
- v.c.11 - Botley Wood and Portsmouth, mines on *Malus* (JRL).
- v.c.12 - Longmoor, 1975, mines on *Malus* (DWHF).
83. *S. catharticella* (Stt.)
- p.7, add:
- v.c.11 - Sparsholt, 14.x.84, mines c.; Teg Down, Winchester, 5.xi.87, many tenanted

- mines (JRL, DHS); Droxford, mines f.c. on *Rhamnus*; Portsdown, 8.viii.85, mines f.c (JRL).
- v.c.12 - Leckford, 4.ix.82, mines on *Rhamnus*, det. AME, also few mines 2.x.85 and many 16.x.86 (DHS).
84. *S. hybnerella* (Hübner.)
p.7, add:
v.c.10 - Fishbourne, mines on *Crataegus* (JRL).
v.c.11 - Emer Bog, 4.ix.86 and June & Aug.1987, few mines (DHS); Soberton, 13.vii.85, mines unc.; Portsmouth; Horsea Is., 3.xi.85, empty mines; Havant Thicket, mines c. on *Crataegus* (JRL).
v.c.12 - Harewood Forest, mines on *Crataegus*; Leckford, 18.ix & 1.x.86, one tenanted and several empty mines (JRL, DHS); Nether Wallop, 31.x.75, mines (DWHF).
85. *S. oxyacanthella* (Stt.)
= *aeneella* auctt.
p.6.
Stigmella oxyacanthella and *S. aeneella* are now regarded as being conspecific, and the records given in Goater (1974) should be amalgamated.
add:
v.c.11 - Ampfield, 1975, mines (DWHF); Botley Wood, mines on *Malus*; Havant Thicket, mines on *Crataegus*; Portsmouth, mines c. on both *Crataegus* and *Malus*; Horsea Is., 27.x.85, empty mines (JRL).
v.c.12 - Leckford, moths bred from *Malus* (DWHF).
86. *S. pyri* Glitz
v.c.11 - Portsmouth, 27.x.85, one vacated mine on *Pyrus*, identified by AME (Langmaid, 1986, *Entomologist's Gaz.* 37: 116). NEW COUNTY RECORD.
87. *S. aceris* (Frey)
v.c.11 - Winchester, Oct.'85, few empty mines on *Acer platanoides* in garden, conf.AME; further empty mines found in 1990 & '91 (DHS). NEW COUNTY RECORD.
88. *S. nylandriella* (Tengst.)
= *aucupariae* (Frey)
p.6, add:
v.c.10 - Parkhurst Forest, 24.viii.75, mines plentiful on *Sorbus aucuparia* (Johnson, *Entomologist's Rec.J.Var.* 88: 272). NEW VCR.
v.c.11 - Ashurst, 22.ix.85, tenanted and empty mines; Emer Bog, 29.viii.87, empty mines (JRL, DHS); Ampfield, 1975, bred (DWHF).
89. *S. regiella* (H.-S.)
p.8, add:
v.c.11 - Ashurst, 22.x.85, empty mines; Sparsholt, 14.x.84, one empty mine; Portsmouth, 5.x.85, one empty mine; Havant Thicket, 6.x.83, mines on *Crataegus*, one moth bred (JRL); Emer Bog, 5.x.86, few tenanted mines on *Crataegus* (ECP-C, per JRL).
v.c.12 - Abbots Ann, 1975, mines; Leckford, 1975, one larva (DWHF), 16.x.86, three mines (DHS).
90. *S. crataegella* (Klim.)
p.8, add:
v.c.10 - Brading Down, 5.viii.87, a few empty mines (JRL, ECP-C).
v.c.11 - Sparsholt, 16.x.83, 14.x.84, mines; Emer Bog, 4.ix.86, few mines (DHS); Portsmouth & Havant Thicket, mines on *Crataegus*; Horsea Is., 26.ix.85, one empty mine (JRL).

- v.c.12 - Harewood Forest, mines on *Crataegus*; Leckford, 4.ix.82, 13.x.85, mines (JRL, DHS).
91. *S. prunetorum* (Stt.)
p.7.
92. *S. betulicola* (Stt.)
p.6, add:
v.c.11 - Ampfield, 1975, larvae loc.v.c., moths bred 1976 (DWHF); Havant Thicket, mines on *Betula* (JRL).
v.c.12 - Longmoor, 1975, mines (DWHF).
93. *S. (Nepticula) microtheriella* (Stt.)
p.11, add:

Generally common on *Corylus* throughout v.c.'s 11 & 12 (JRL, DHS).
94. *S. luteella* (Stt.)
p.7, add:
v.c.10 - Parkhurst Forest, 24.viii.75, mines v.c. on *Betula* (Johnson, 1976, *Entomologist's Rec.J.Var.* 88: 272). NEW VCR.
v.c.11 - Sparsholt, 14.x.84, 15.x.85, mines c.; Emer Bog, 4.xi.84, mines c.; Ampfield 28.ix.85, one empty mine; Botley Wood & Havant Thicket, mines on *Betula*; Horsea Is., 27.x.85, mines c.; Hayling Is., 14.x.85, mines f.c. (JRL, DHS).
95. *S. discidia* (Sch.& Wilk.)
= *distinguenda* (Hein.)
p.7, add:
v.c.11 - Ampfield, 1975, mines (DWHF); Sparsholt, 14.x.84, empty mines c.; Emer Bog, 4.xi.84 & 29.viii.87, few empty mines; Botley Wood, 10.xi.84, few empty mines (JRL, DHS); West Walk, Wickham, 7.ix.86, one empty mine; Havant Thicket, mines on *Betula* (JRL).
v.c.12 - Longmoor, 1975, mines (DWHF).
96. *S. glutinosae* (Stt.)
p.7, add:
v.c.11 - Matley Bog, mines on *Alnus* (JRL); Ampfield, 23.x.75, mine on *A. glutinosa*, moth bred (DWHF).
97. *S. alnetella* (Stt.)
p.6, add:
v.c.11 - Emer Bog, 18.x.86,, one mine (JRL, DHS); Ampfield, 1975, larvae loc.f.c., moths bred (DWHF).
v.c.12 - Leckford, 13.x.85, mines c., moths bred (JRL, DHS).
98. *S. (Nepticula) lapponica* (Wocke)
p.12, add:
v.c.10 - Haven Street, 7.viii.87, a few empty mines on *Betula* (JRL, ECP-C).
v.c.11 - Ashurst, 22.ix.85, mines; Sparsholt, 14.x.84, empty mines f.c.; Emer Bog, 4.xi.84, one empty mine; Botley Wood, f.c., vacated mines in Oct./Nov. (JRL, DHS); Ampfield, 1975, mines (DWHF); Havant Thicket, 6.x.83, mines on *Betula* (JRL).
v.c.12 - Harewood Forest, mines on *Betula* (JRL); Leckford, 5.ix.73, few mines on *Betula*; Longmoor, 1975, mines (DWHF).
99. *S. (Nepticula) confusella* (Wood)
p.12, add:
v.c.10 - Haven Street, 7.viii.87, one tenanted mine on *Betula* (JRL, ECP-C).
v.c.11 - Ashurst, 22.ix.85, mines; Sparsholt, 16.x.83, mines (JRL, DHS); Ampfield, 1975, mines (DWHF); Botley Wood, mines on *Betula* (JRL).

- v.c.12 - Harewood Forest, mines on *Betula* (JRL); Itchen Valley, 21.v.76, many flying in sunshine, 0500-0600 GMT; Longmoor, 1975, mines (DWHF).
100. *S. (Nepticula) acetosae* (Stt.)
p.13, add:
v.c.12 - Longmoor, 1975, two larvae; 25.v.76, many mines, some with larvae, moths bred (DWHF). NEW VCR.

OPOSTEGIDAE

101. *Opostega salaciella* (Treits.)
p.15, add:
v.c.11 - Matley Bog, 7.viii.79 (DHS); Minstead, 1975 (LWS); Southsea, 4.vii.83, 14.vii.86, singletons at m.v.light (JRL).
v.c.12 - Leckford, 16 & 26.vii.86, 9 & 31.vii.87 and 25.vi.88, few at m.v.light (DHS).
102. *O. crepusculella* Zell.
p.15, add:
v.c.11 - Winchester, 31.vii.78, one at m.v.light; Winnall Moors, 25.vii.87, one at m.v.light (DHS).
v.c.12 - Itchen Valley, 14.vii.75, 28.vii.76 (DWHF); Winnall Moors, 25.vii.87, one at m.v.light (JRL, DHS)..

TISCHERIIDAE

103. *Tischeria ekebladella* (Bjerk.)
p.16, add:
v.c.10 - Parkhurst Forest, 25.x.75, larvae on *Castanea sativa* as well as *Quercus* (Emmet, 1976, *Entomologist's Rec.J.Var.* 88: 272); Shanklin, 1981, two, 1984, one (JMC).
v.c.11 - Highcliffe (EHW); Sparsholt, mines c.(DHS); Ashurst, Emer Bog, Ampfield, Botley Wood, Wickham, Portsdown Hill, Portsmouth, Havant Thicket, Hayling Is., mines c. (JRL).
v.c.12 - Hook, 3.xi.76, mines abdt., many containing hibernating larvae, but many empty, having produced an exceptional second brood; Longmoor, 1975, mines (DWHF).
104. *T. dodonaea* Stt.
p.16, add:
v.c.11 - Lyndhurst, 19.vi.75, one at dusk (DWHF); Ashurst, 22.ix.85, few mines; Emer Bog, 16.xi.85, one mine (JRL, DHS); Botley Wood & Havant Thicket, 1976, mines loc. c. on *Quercus*, but scarce other years, moths bred; mines loc.c. in Botley Wood, 10.ix.84 (JRL).
v.c.12 - Hook, 3.xi.76, larvae f.c. (DWHF).
105. *T. marginea* (Haw.)
p.16, add:
v.c.10 - St. Lawrence, 1977, 1978, mines (DHS); Ventnor, 2.viii.87, one mine; Tennyson Down & Haven Street, Aug.1987, mines (JRL, ECP-C).
v.c.11 - Sparsholt, Emer Bog, mines generally c. on *Rubus* (DHS); Botley Wood, c.; Droxford, c.; Wickham, c.; Horton Heath, c.; Portsmouth, 5.x.85, mines; Portsdown Hill; Horsea Is., 10.x.85, mines c.; Farlington Marsh, 27.viii.87, few mines; Havant Thicket, c.; Hayling Is., c.; mines on *R. fruticosus* agg. (JRL).
106. *T. angusticolella* (Dup.)
p.16, add:
v.c.11 - Botley Wood, mines loc.c. on *Rosa canina*, moths bred (JRL).

INCURVARIIDAE

107. *Phylloporia bistrigella* (Haw.)
 p.16, add:
 v.c.10 - Haven Street, 7.viii.87, one mine with cut-out (JRL, ECP-C).
 v.c.11 - Parnholt Wood, 1.vi.81, one; Emer Bog, 1.vi.87, two (DHS); Botley Wood, sc. (JRL).

108. *Incurvaria pectinea* Haw.
 = *zinckenii* (Zell.)
 p.16, add:
 v.c.10 - Bouldnor, 14.vii.85 by R.P. Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 172). NEW VCR.

 v.c.11 - Highcliffe (EHW); Ashurst, 13.iv.84, one bred from case in leaf litter (JRL); Church Place Inc., 5.v.85; Sparsholt, few; Emer Bog, 23.iv.81, 5.v.86; Ampfield, 16.iv.81, few; Roydon Woods, 23.iv.83, sev.; White Moor, 7.v.79, one (JRL, DHS); Havant Thicket, f.c. (JRL).

109. *I. masculella* (D.& S.)
 p.17, add:
 v.c.11 - Highcliffe (EHW); Boldre, v.c.; Matley Bog, v.c.; Wickham, v.c.; Portsdown, v.c.; Potwell, 23.v.84, sev.; Portsmouth, c.; Southsea, c.; Havant Thicket, v.c.; Hayling Is., 7.vi.86, one (JRL, DHS); Parnholt Wood, 4.v.80, two; Sparsholt, 1978, '79 (DHS); Oxenbourne Down, c. (RJD).
 v.c.12 - West Down, Chilbolton, 5.v.84, one (JRL, DHS); Bartley Heath Res., Hook, 27.iv.91, sc (AHD).

110. *Lampronia oehlmanniella* (Hübner.)
 p.17, add:
 v.c.11 - Highcliffe (EHW); Minstead (LWS); Church Place Inc. 28.v.83 (JRL); Sparsholt College farm, 13.v.88 (AHD); Wickham, 1975, few by day; Upham (DWHF); Botley Wood, 12.vi.83, 7.vi.84; Southwick, 18.iv.84, one case in leaf litter, moth bred; West Walk, Wickham, 28.vi.86, one at m.v.light (JRL).
 v.c.12 - Harewood Forest, 27.v.78, one; Leckford, 9.vi.79, one (DHS); Armsworth, 1975 (DWHF).

111. *L. praelatella* (D.& S.)
 p.17, add:
 v.c.11 - Botley Wood, 1.vii.78, one (JRL, DHS).
 v.c.12 - Leckford, 4.vi.83, sev. (JRL); Armsworth, 1975, one (DWHF).

112. *L. capitella* (Clerck)
 p.17.

113. *L. flavimitrella* (Hübner.)

 v.c.12 - Martyr Worthy, 18.v.74, male taken flying in early morning sunshine (Ffennell, 1977, *Proc.Trans.Brit.ent.nat.Hist.Soc.* 10: 9; 1977, *Entomologist's Gaz.* 28: 180). See Goater (1983). NEW TO BRITAIN.

114. *L. luzella* (Hübner.)
 p.17, add:
 v.c.10 - Bouldnor, 14.vii.85, by R.P.Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 172). NEW VCR.

 v.c.11 - Sparsholt (DHS), 23.vi.84 (WCNHS); Botley Wood, 3.vi.81, 12.vi.83; Wickham, 1.viii.74 (JRL).

115. *L. rubiella* (Bjerk.)
p.17, add:
v.c.11 - Sparsholt, 2.vii.79, one; Teg Down, Winchester, c. in June flying over *Rubus idaeus* in afternoon sun; bred from stems of *R. idaeus* collected May 1987 & 1988 (DHS); Southsea, 28.v.76, 4.vi.80 (JRL).
116. *L. morosa* Zell.
p.17, add:
v.c.11 - Ampfield, 11.vi.79 (DHS).
v.c.12 - Itchen Valley, 8.vi.75, one on wing about 0700 GMT (DWHF). NEW VCR.
117. *L. fuscata* (Tengst.)
p.18, add:
v.c.12 - Newtown Common, one gall on *Betula*, 14.v.85 and another 19.iv.87 - both parasitised (DHS). NEW VCR.
118. *Nematopogon swammerdamella* (Linn.)
p.18, add:
v.c.10 - Shanklin, 1981, 1983, three (JMC).
v.c.11 - Highcliffe (EHW); Minstead, 1973, two (LWS); Mallard Wood, 6.vi.86, one; Church Place Inc., 5.v.85, few; Woosons Hill, 7.v.88, a few (JRL, DHS); Parnholt Wood; Sparsholt; Winchester, few at m.v.light each year (DHS); Emer Bog, 28.v.78, two (AHD); Braishfield, c.; Botley Wood, c.; Wickham, c.; Havant Thicket, c. (JRL); Oxenbourne Down, c. by day (RJD).
v.c.12 - Harewood Forest, 1979 (DHS); Leckford, 1.vi.74, one (WRLG), 7.vi.80, 7.vi.86, singletons (DHS).
119. *N. schwarziellus* (Zell.)
= *panzerella* auctt.
p.18, add:
v.c.10 - Shanklin, 23.vi.84 (JMC).
v.c.11 - Highcliffe (EHW); Ashurst, 13.iv.84, cases in leaf litter, moths bred; Church Place Inc., 5.v.85, few; Sparsholt; Emer Bog, 9.vi.84, one; East Meon, 1.vi.85, sev. (JRL, DHS); Winchester, sev. each year at m.v.light (DHS); Bishops Waltham, c.; Botley Wood, c.; Curdridge, c. (JRL).
v.c.12 - Armsworth, 1975, one (DWHF); Bartley Heath Reserve, 1988, sc. (AHD).
120. *N. metaxella* (Hübner.)
p.18, add:
v.c.10 - Shanklin, 9.vi.82 (JMC).
v.c.11 - Minstead, 1973, '74 (LWS); Sparsholt, occ. (DHS); Oxenbourne Down, c. by day (RJD).
v.c.12 - Leckford, f.c. (JRL, DHS); Armsworth, 1975, few at m.v.light (DWHF); Oakley, 2.vii.83, one at m.v.light (AHD).
121. *Nemophora minimella* (D. & S.)
p.18, add:
v.c.11 - Ashurst, 3.viii.85, f.c. by day on heads of *Succisa* and of *Achillea ptarmica* (JRL, DHS).
v.c.12 - Leckford, 4.vi.83, few (JRL); Chilbolton, 18.ix.81, larva on *Succisa*, bred; 3.viii.82, many imagines (DHS). NEW VCR.
122. *N. cupriacella* (Hübner.)
p.19, add:
v.c.11 - Ashurst, 3.viii.85, f.c. by day on heads of *Succisa* (JRL, DHS).
v.c.12 - Leckford, 1980, one (DHS). NEW VCR.
123. *N. metallica* Poda
= *scabiosella* (Scop.)
p.19, add:

- v.c.11 - Farley Mount, 1977, f.c. (DHS); Soberton, 22.vii.84, one (JRL).
v.c.12 - Leckford, 30.vii.76, two (Appleton, *Proc.Brit.ent.nat.Hist. Soc.* 1977, 10: 7), 6.vii.86, many on scabious heads (DHS); South Wonston, 1977 & '79, f.c. on old railway cutting (DHS), loc.c. (JRL).
124. *N. degeerella* (Linn.)
p.19, add:
v.c.10 - Godshill, June, 1982 (PC); Parkhurst Forest, 24.vi.84, swarming (JMC).
v.c.11 - Highcliffe (EHW); Sparsholt, f.c.; Emer Bog, Apr.1984, cases, 18.vi.86, numerous flying by day; Winchester (DHS); Upham, 1975 (DWHF); Botley Wood, f.c.; West Walk, Wickham, 1979; Curdridge, f.c.; Havant Thicket, 21.iv.84, cases (JRL).
v.c.12 - Harewood Forest, c. (DHS); Armsworth, 1975, c. (DWHF); Overton, 1980, one in moth trap (AHD).
125. *Adela cuprella* (D.& S.)
p.19, add:
v.c.10 - Borthwood, 9.v.81, several males (JMC). NEW VCR.
v.c.11 - Emer Bog, 22.iv.84, still f.c. (JRL, DHS).
v.c.12 - Bromsbury, 25.iv.75, c. (DWHF); Old Alresford Pond, 17.iv.76, two over tallows (Appleton, *Proc.Brit.ent. nat.Hist.Soc.* 1977: 10: 7). Bartley Heath Reserve, Hook, 1988, loc., flying over tallows (AHD). NEW VCR.
126. *A. reaumurella* (Linn.)
p.19.
127. *A. croesella* (Scop.)
p.19, add:
v.c.11 - Botley Wood, 13 & 22.vi.76, on umbels of *Heracleum* (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 75); East Meon, 31.v.73 (RJD).
v.c.12 - Leckford, 8.vi.81, two, 15.vi.81, one (DHS).
128. *A. rufimitrella* (Scop.)
p.20, add:
v.c.10 - Shanklin, 10 & 22.v.81 (JMC). NEW VCR.
v.c.11 - Sparsholt, 1981, c. on heads of *Alliaria*; Emer Bog, 29.v.86 (DHS); East Meon, 1.vi.85, one; Portsdown, 12.vi.83, sev. (JRL).
v.c.12 - Leckford, few each year (DHS).
129. *A. fibulella* (D.& S.)
p.20, add:
v.c.11 - Sparsholt, 12.vi.84, three in a sunny ride (AHD); Farley Mount, 11.vi.88, a few (JRL, DHS); Teg Down, Winchester, 3.vi.81, three (DHS); Droxford, c.; Exton, c.; East Meon, few in early June 1983,'85 & '86 (JRL, DHS); Oxenbourne Down, 27.v.72, two by day (RJD).
v.c.12 - Leckford, 26.v.74, two by day (DWHF), swept from *Veronica* (D. Appleton), f.c. each year, 1981-86 (DHS).

HELIOZELIDAE

130. *Heliozela sericiella* (Haw.)
p.20, add:
v.c.11 - Highcliffe (EHW); Sparsholt, c.; Ampfield, 16.iv.81, few (DHS); Botley Wood, c.; Wickham, v.c.; Southwick, c.; Knowle, c. (JRL).
v.c.12 - Stockbridge, 18.iv.81, few (DHS).
131. *H. stanneella* (F.v.R.)
p.20.

132. *H. resplendella* (Stt.)
 p.20, add:
 v.c.11 - Emer Bog, 4.x.86, one tenanted mine, 18.x.86, few empty ones Botley Wood, 10.ix.87, one empty mine (JRL, DHS).
 v.c.12 - Leckford, 8.viii.81, empty mines c. on *Alnus glutinosa* (JRL, DHS).
133. *H. hammoniella* Sorh.
 = *betulae* (Stt.)
 p.21, add:
 v.c.11 - Highcliffe (EHW); Parnholt Wood, 15.v.79, one; Ampfield, 16.iv.81, few, 28.ix.85, one empty mine; Emer Bog, 25.iv.88, sev. by day (DHS); Emer Bog, 1981, one bred from moss; Botley Wood, loc.c. (JRL).
 v.c.12 - Itchen Valley, 30.iv.76, one flying by day, genitalia checked (DWHF).
134. *Antispila metallella* (D.& S.)
 = *pfeifferella* (Hübner.)
 p.21, add:
 v.c.10 - Tennyson Down, 4.viii.87, a few vacated mines and cut-outs, on *Swida*; Brighstone, 3.viii.87, tenanted and vacated mines (JRL, ECP-C).
 v.c.11 - Kings Somborne, 8.v.82, one; Parnholt Wood; Sparsholt (DHS); Portsdown Hill, 17.viii.81, empty mines c. (JRL); Oxenbourne Down, 27.v.73, genitalia checked (RJD).
135. *A. petryi* Mart.
 = *treitschkiella* auctt.
 p.21, add:
 v.c.11 - Sparsholt, mines c. on *Swida* in Sept., moths bred; Horsea Is., 26.ix.85, tenanted mines c. (JRL); Winchester, mines on *Swida*, moths bred (DHS).

COSSIDAE

136. *Zeuzera pyrina* (Linn.) Leopard Moth
 p.21, add:
 v.c.10 - Godshill, 1976, f.c., usually occ. (PJC); Upper Hyde, 28.vii.81, male (JMC).
 v.c.11 - Southsea, much less common in recent years (JRL).
 v.c.12 - Stoke Charity, c. at light (DO, 1976); Burghclere, few each year at m.v.light (GGE-F, 1987); Oakley, now frequent at m.v.light (AHD).
137. *Cossus cossus* (Linn.) Goat Moth
 p.21, add:
 Very few recent records.
 v.c.11 - Minstead, 15.vii.62 (LWS); Butlock Heath, nr. Netley, "cossus" tree found, 19.iv.76 (Dickson, *Entomologist's Rec.J.Var.* 89: 75); Knowle Woods, 29.vi.87, male at m.v.light (KJW).
 v.c.12 - Farnborough, Sept.1979, full-fed larva found wandering (BG); Bordon dist., r. (JWOH).

ZYGAENIDAE

138. *Adscita statice* (Linn.) Forester
 p.22, add:
 v.c.12 - Odiham Common, 16.vi.87, strong colony in meadows (DY).
139. *A. geryon* (Hübner.) Cistus Forester
 p.22, add:
 v.c.11 - Teg Down, Winchester, colony discovered in 1982 (DHS).

140. *Zygaena viciae* (D.& S.) New Forest Burnet
p.22.
141. *Z. filipendulae* (Linn.) Six-spot Burnet
p.23.
142. *Z. trifolii* (Esp.) Five-spot Burnet
p.23.
143. *Z. lonicerae* (Scheven) Narrow-bordered Five-spot Burnet
p.23, add:
v.c.11 - Park Gate, c.; Southsea, sc. (JRL).
v.c.12 - Bramley, 1979, loc.c.; Overton, one colony (AHD).

LIMACODIDAE

144. *Apoda limacodes* (Hufn.) Festoon
= *avellana* auctt.
p.24, add:
v.c.10 - America Woods, few most years (PJC).
v.c.12 - Burghclere, 9.vii.87, one, only specimen in 8 years (GGE-F).
145. *Heterogenea asella* (D.& S.) Triangle
p.24, add:
v.c.11 - Ladycross, 28.vii.87, one at m.v.light (AJP); Parkhill Inc., 29.vii.78, female; Mallard Wood, 3.vii.82, both at m.v.light (DHS); West Walk, Wickham, 28.vii.84, one at m.v.light (JRL).
v.c.12 - Alice Holt Forest, 25.vii.85, one in Rothamsted trap (Winter, 1986, *Entomologist's Rec.J.Var.* 98: 210). NEW VCR.

PSYCHIDAE

146. *Narycia monilifera* (Geoff.)
p.24, add:
v.c.11 - Denny, 1978, '79, cases c. (DHS); Southwick, c.; West Walk, Wickham, 28.vi.86, one at m.v.light; Portsmouth, 10.iii.85, cases c. on old *Crataegus* trunks; Havant Thicket, cases v.c., especially on old trunks of *Taxus* and *Quercus* (JRL).
v.c.12 - Stockbridge Down, 16.iv.84, few cases (JRL, DHS); Hook, 21.iv.85, cases c. (JRL); Newtown Common, 15.iv.87, one case (DHS).
147. [*Dahlica (Solenobia) inconspicuella* (Stt.)]
p.25.

This species should be placed in square brackets, as it is thought that old records probably refer to the next species. See Goater (1983).

148. *D. (Solenobia) lichenella* (Linn.)
v.c.11 - Denny Wood, 1978, 1979, cases c.; Havant Thicket, 28.iv.79, sev. cones collected. Originally identified as *S. inconspicuella* (Stainton) (JRL, DHS). See Goater (1983).
add:
v.c.11 - Emer Bog, 4.v.87, a few cases (JRL, DHS).
149. *Diplodoma herminata* (Geoff.)
p.25, add:
v.c.11 - Winchester, 27.vi.79, one male (DHS); Woosons Hill, 4.v.85, several cases under loose bark of dead oaks, moths bred; 4.v.87, three cases, none bred (JRL).
v.c.12 - Hook, 21.iv.85, one case (JRL).

150. *Taleporia tubulosa* (Retz.)
p.25, add:
v.c.11 - Highcliffe (EHW); Denny, 1977-79, cases v.c., numbers bred; Emer Bog, f.c. (DHS); Beaulieu Road, v.c.; Curdridge, c.; Southwick, v.c.; Southsea, sc.; Havant Thicket, v.c. (JRL).
v.c.12 - Harewood Forest, 1978-87, few cases (DHS); Newtown Common, 12.iv.86 & 19.iv.87 one case on each occasion (JRL, DHS).
151. *Bankesia douglasii* (Stt.)
= *conspurcatella* (Zell.)
p.25.
152. *Bacotia sepium* (Spey.)
p.25, add:
v.c.12 - Stockbridge Down, 5.v.79, one larva on *Prunus spinosa*, moth bred (DHS), cases f.c. on old twigs of larch and blackthorn in 1980 and '81, but only a single case seen in 1982 and '84 (JRL, DHS). NEW VCR.
153. [*Luffia lapidella* (Goeze)]
p.26.
154. *L. ferchaultella* (Steph.)
p.26, add:
v.c.11 - Highcliffe (EHW); Pig Bush, 8.vi.81, few cases (JRL); Denny Bog, cases f.c.; Church Place Inc., 5.v.85, few cases; Emer Bog, 18.iv.87, a few cases; Havant Thicket, 28.iv.78, cases f.c., moths bred (DHS).
v.c.12 - Liss (JRL).
155. *Psyche casta* (Pallas)
p.26, add:
v.c.10 - St. Helens, 5.viii.87, two cases (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Keyhaven, 4.vi.85, cases v.c. (JRL); Minstead, 1971, bred from case (LWS), June, 1975, on wing at sunrise (DWHF); c. everywhere in New Forest (JRL, DHS); Sparsholt, 14.x.84, few cases; Emer Bog, c.; Southwick, c.; Southsea, cases v.c.; Havant Thicket, c.; Hayling Is., v.c. (JRL).
v.c.12 - Harewood Forest, 4.vii.79, cases, moths bred; Leckford, June 1978, cases, moths bred, and cases seen most years subsequently (DHS); Newtown Common, 12.iv.86 (JRL, DHS); Hook, 21.iv.85, cases c. (JRL).
156. *Epichnopterix plumella* (D. & S.)
p.26, add:
v.c.11 - Beaulieu Road Station and Sinah Common, Hayling Is., bred 1973; Rowner Wild Grounds, 1972, bred (RJD). NEW VCR.
157. *E. retiella* (Newman)
p.26, add:
v.c.11 - Hayling Is., 7.vi.86, one male (ECP-C). Presence on Hampshire mainland confirmed.
158. *Acanthopsyche atra* (Linn.)
p.26.
159. *Pachythelia villosella* (Ochs.)
p.27, add:
v.c.11 - Beaulieu Road, Aug. 1979, cases particularly common; larvae sleeved on potted-up *Calluna*, and in spring avidly ate leaves of *Prunus* sp.; moths emerged in June (JRL); same area searched in subsequent years, but species not seen since (JRL, DHS); Matley Bog, 13.iv.84 & 28.vii.86, single old cases (JRL, DHS); White Moor, 12.vii.85, one empty case (DHS).

TINEIDAE

160. *Morophaga choragella* (D.& S.)
 = *boleti* (Fabr.)
 p.27, add:
 v.c.11 - Holmhill Inc., 11.vii.79, 10.vii.85, singles at m.v.light (DHS); Pig Bush, 8.vi.81, several freshly emerged on a rotten tree (JRL); Minstead, 1972 (LWS); Sparsholt, 1977 & '80; Winchester, most years (DHS).
 v.c.12 - Harewood Forest, 1981, larvae on fungus, moths bred (DHS).

161. *Psychoides verhuella* Bruand
 p.27, add:
 v.c.10 - Brighstone Down, 30.iv.86, many larvae on hartstongue, some bred (DHS).
 v.c.11 - Highcliffe (EHW); Winchester, 30.iv.84, many larvae collected from *Phyllitis* on old wall, moths bred (DHS); Portsmouth, 30.vi.90, one by day (JRL).
 v.c.12 - Northington, 1975, one bred (DWHF).

162. *P. filicivora* (Meyr.)
 p.27, add:
 v.c.11 - Highcliffe (EHW); Southsea, sc. at m.v.light; larvae loc.c. on *Dryopteris* in a local garden (JRL).

163. *Infurcitinea argentimaculella* (Stt.)
 p.27, add:
 v.c.11 - Church Place Inc., 5.v.85, sev. larvae; Emer Bog, 22.iv.84, sev. larvae, moths em. July (JRL, DHS); Portsmouth, 10.iii.85, larvae (JRL).

164. *Stenoptinea cyaneimarmorella* (Mill.)
 = *Celestica angustipennis* (H.-S.)

 v.c.12 - Liss, 4.viii.1893 (Wocke) reported by Zagulyaev (1979, *Fauna SSSR Lepidoptera* 4(6): 153) comm. E.C. Pelham-Clinton. NEW COUNTY RECORD.

165. *Myrmecozela ochraceella* (Tengst.)
 p.28.

166. *Haplotinea insectella* (Fabr.)
 p.28, add:
 v.c.11 - Winchester, 30.vii & 1.viii.83, at m.v.light in garden, genitalia det. (DHS).

167. *Nemapogon granella* (Linn.)
 p.28.

168. *N. cloacella* (Haw.)
 p.28, add:
 v.c.11 - Broughton Down, 1984 (WCNHS); Denny Bog, 11.vii.79; Sparsholt, 7.vii.79; Winchester, a few at m.v.light most years (DHS); Otterbourne, 1975, one at dusk (DWHF); bred from rotten wood and bracket fungus from many localities, including Pig Bush, c.; Sparsholt, c.; Botley Wood, c.; Droxford, c.; Exton, c.; Southsea, c.; Havant Thicket, c. (JRL).
 v.c.12 - Harewood Forest, c. (JRL); Bramley Frith Wood, 22.v.89, sc. at m.v.light (AHD).

169. [*N. wolffiella* Karsholt & Nielsen
 = *albipunctella* (Haw.)]
 p.28.

170. *N. ruricolella* (Stt.)
 p.28, add:

- v.c.11 - Browndown, 23.vi.73, det. E.S. Bradford (RJD); Southsea, 7.vii.82, one at m.v.light (JRL).
171. *N. clematella* (Fabr.)
= *arcella* auctt.
p.28, add:
v.c.11 - Dean, nr. Winchester, 21.vii.79; Winchester, 10.vii & 28.vii.83, 14.viii.84 & 15.viii.88, at m.v.light in garden (DHS); Sparsholt, 9.viii.81, 26.viii.84 (JRL); Oxenbourne Down, 25.vi.73, one at m.v.light (RJD).
v.c.12 - Harewood Forest, 25.viii.80 (JRL).
172. *Nemaxera betulinella* (Fabr.)
= *corticella* (Curt.)
p.28, add:
v.c.11 - Havant Thicket, 1974, bred from rotten oak (JRL).
v.c.12 - Whitehill, 27.vii.60, one by day (DWHF). NEW VCR.
173. *Triaxomera parasitella* (Hübner.)
p.28, add:
v.c.11 - Highcliffe (EHW); Broughton Down, 30.vii.83, few by day; Church Place Inc., 13.iv.84, larvae under bark of dead beech (JRL, DHS); Sparsholt, c., bred from rotten oak; Havant Thicket, c. (JRL); Emer Bog, 18.vi.80, one; Winchester, 17.vi.86, one at m.v.light (DHS).
v.c.12 - Harewood Forest, 12.iv.82, rotting oak collected from which four moths bred; bred again in 1983 (DHS); Oakley, June 1984, loc.c. flying round rotten tree stump affected by fungi (AHD).
174. *T. fulvimitrella* (Sod.)
p.29, add:
v.c.11 - Pig Bush, 8.vi.81, one at rest on a birch trunk; Ashurst, 6.iv.85, few larvae in dead wood, moths bred (JRL); Sparsholt, 13.iii.86, larvae in rotting wood, bred (DHS); Havant Thicket, 5.iv.85, one larva in rotting wood, moth bred (JRL).
v.c.12 - Harewood Forest, two bred from rotting oak collected 12.iv.82 (DHS), and bred fairly commonly by B. Elliott from rotting oak collected in early May, 1983 (comm. MJS); Itchen Valley, 1975, loc.f.c. flying at sunrise (DWHF). NEW VCR.
175. *Monopis laevigella* D.& S.
= *rusticella* (Hübner.)
p.29, add:
v.c.11 - Emer Bog, 30.viii.86, one by day; Winchester, 28.ix.82, 30.ix.86, 7.viii.88, singletons at m.v.light; May, 1984, sev. bred from birds' nests (DHS); Droxford, f.c.; Southsea, c. (JRL); Hayling Is., 1975 (DWHF); Oxenbourne Down, c. (RJD).
v.c.12 - Armsworth, 1975 (DWHF).
176. *M. weaverella* (Scott)
p.29, add:
v.c.11 - Ampfield, 1977; Sparsholt, 1977; Botley Wood, 2.vi.79 (DHS); Upham, 17.viii.75 (DWHF); Wickham, 28.v.77, two (JRL).
177. *M. obviella* (D.& S.)
= *ferruginella* (Hübner.)
p.29, add:
v.c.11 - Winchester, 14.vii.83, four at m.v.light in garden, 17.vii.86, one (DHS); Ashurst, 3.vi.85; Wickham, c.; Southsea, 15.vi.76, sev. in 1980, 25.vii.85 (JRL).

178. *M. crocicapitella* (Clem.)
p.30, add:
v.c.11 - Minstead, 1972, two (LWS); Southsea, c. (JRL).
v.c.12 - Itchen Stoke, 23.iv.76, one in battery chicken house (DWHF).
179. *M. imella* (Hübner.)
p.30, add:
v.c.11 - Southsea, sc. (JRL); Hayling Is., 9.vi.79 (DHS).
180. *Trichophaga tapetzella* (Linn.)
p.30.
181. *Tineola bisselliella* (Humm.)
p.30, add:
DHS writes: "ref. the remark in Goater (1974) about this species being almost certainly overlooked, I dissect all tineids which are not readily identifiable, and have never found one *T. bisselliella* in Hampshire".

v.c.11 - Southsea, 8.v.76, sev. in 1982, and f.c. since (JRL).
182. *Niditinea fuscella* (Linn.)
= *fuscipunctella* (Haw.)
p.30, add:
v.c.11 - Morestead, 28.xii.86, one indoors (DHS); Droxford, c.; Southsea, c. (JRL).
183. *N. piercella* (Bentinck)

v.c.11 - Emery Down, 14.vii.79, genitalia checked (JRL); Holmhill, 2.vii.80, genitalia checked (DHS).
v.c.12 - Itchen Valley, 31.vii.64, one at m.v.light, genitalia checked (DWHF).
See Goater (1983).
184. *Tinea columbariella* Wocke

v.c.11 - Southsea, 6.vii.77, 26.vii.79, 8.vii.81, genitalia checked (JRL).
v.c.12 - Itchen Valley, occ. at light; 16.vii.67, 10.vii.68, 19.vii.75, genitalia checked (DWHF). See Goater (1983).

add:
v.c.11 - Winchester, 6.vii.83, 5 & 15.vii.85, 26.vi.86, at m.v.light in garden, all genitalia checked (DHS).
185. *T. pellionella* (Linn.)
p.30, add:
v.c.11 - Winchester, 18.vii.80, 22.vii.84, two, 25.viii.86, at m.v.light; Bramdean, 8.viii.82, all genitalia checked (DHS); Southsea, f.c., genitalia checked (JRL).
186. *T. dubiella* Stt.
= *turicensis* Müll.
p.31.
187. *T. flavescens* Haw.
p.31.
188. *T. pallescentella* Stt.
p.31, add:
v.c.11 - Highcliffe (EHW); Southampton Docks, 11.vii.79, genitalia checked (DHS); Southsea, 23.ix.85, one at m.v.light (JRL). NEW VCR.

189. *T. semifulvella* Haw.
p.31, add:
v.c.11 - Highcliffe (EHW); Minstead, 1971 (LWS); Sparsholt, 12.vi & 10.vii.79; Winchester, 18.vii.79, 8.viii.80, 30.vi.83, 17.vi.84, Emer Bog, 12.vi.87, one resting in crevice in oak bark (DHS); Botley Wood, f.c.; Southsea, f.c. (JRL); Catisfield; Oxenbourne Down, c. (RJD); Little Butser Hill, 18.vi.77, two (AHD).
v.c.12 - Abbots Ann, 19.vi.84, three (WCNHS); Overton, sev. at a Rothamsted trap, 1980-81 (AHD).
190. *T. trinotella* Thunb.
p.31, add:
v.c.11 - Highcliffe (EHW); Pig Bush, 8.vi.81 (JRL); Minstead, 1972 & '74 (LWS); Sparsholt; Winchester, few each year (DHS); Winchester, 20.vi.84 (WCNHS); Emer Bog, 4.vii.79, few at m.v.light; West Walk, Wickham, 22.vi.79 (DHS); Upham, 1975 (DWHF); Widley, nr. Portsmouth, June 1986, sev. (PMP); Botley Wood, c.; Droxford, c.; Wickham, c.; Southsea, c. (JRL); Hayling Is., 2.vi.86, one at m.v.light (JMW).
v.c.12 - Overton, 16.vi.80, one in Rothamsted trap (AHD).

OCHSENHEIMERIIDAE

191. *Ochsenheimeria mediopectinellus* (Haw.)
p.31, add:
v.c.10 - Steephill Cove, 28.viii.76 (Appleton, *Proc.Brit. ent. nat.Hist. Soc.* 1977 10: 7).
v.c.11 - Martin Down, 28.vii.76 (Appleton, *Proc.Brit.ent.nat. hist.Soc.* 1977, 10: 7); Teg Down, Winchester, 26.viii.84, few; Farlington Marsh, 23.viii.84, many in flight around midday, low over ground (DHS).
v.c.12 - Itchen Valley, June 1975, one at light (DWHF).
192. *O. urella* F.v.R.
= *bisontella* (Lien.& Zell.)
p.31.
193. *O. vacculella* F.v.R.
p.32, add:
v.c.11 - Teg Down, Winchester, 2.ix.90, eight under bark of dead larch (RJB.Hoare, JRL), 3.viii.91, three in same habitat (DHS); Southwick, 19.vii.87, one by day (JRL).

LYONETIIDAE

194. *Leucoptera laburnella* (Stt.)
p.32, add:
v.c.11 - Highcliffe (EHW); Winchester, 1983, '87 & '88, few at m.v.light (DHS); Botley Wood, c., larvae on *Genista tinctoria*; Southsea, c. (JRL).
195. *L. waillesella* (Stt.)
v.c.11 - Hayling Is., 17.vii.82, mines c. on *Genista tinctoria*, moths bred (JRL). NEW COUNTY RECORD.
196. *L. spartifoliella* (Hübner.)
p.32, add:
v.c.10 - Ventnor, 2.viii.87, a few at m.v.light (JRL, ECP-C). NEW VCR.
v.c.11 - Botley Wood, 1.vii.78, 3.vii.79, moths c. on *Sarothamnus* (DHS); Wickham, c., bred from *Sarothamnus* (JRL).
197. *L. lathyrioliella* (Stt.)
p.32.

198. *L. lotella* (Stt.)
p.32, add:
v.c.11 - Botley Wood, mines loc.f.c. on *Lotus uliginosus*, moths bred (JRL).
199. *L. malifoliella* Costa
= *scitella* (Zell.)
p.32, add:
v.c.11 - Botley Wood, mines f.c. on *Malus*; Portsmouth, mines loc.f.c. on *Prunus domestica* (JRL).
200. *Lyonetia clerkella* (Linn.)
p.33, add:
v.c.10 - Shanklin (JMC).
- Abundant throughout the county (JRL, DHS).
201. *Bedellia somnulentella* (Zell.)
p.33, add:
v.c.11 - Teg Down, Winchester, v.c., larvae on *Calystegia sepium* (DHS); Browndown, 26.viii.85, larvae on *Convolvulus arvensis* (JRL, DHS); Portsmouth, loc.c.; Southsea, 29.vii.81, genitalia det (JRL).
202. *Bucculatrix cristatella* Zell.
p.33, add:
v.c.11 - Teg Down, Winchester, larvae on *Achillaea millefolium*, bred (DHS); Southsea, larvae c. on *A. millefolium*, bred (JRL).
v.c.12 - Leckford, 15.vi.86, one cocoon (DHS); Longmoor, 1980, larvae (JRL, DHS).
203. *B. nigricomella* Zell.
p.33, add:
v.c.11 - Droxford, c.; Southsea, 1980, bred from *Chrysanthemum leucanthemum* (JRL, DHS); Oxenbourne Down, 24.vii.73, male netted at dusk, genitalia checked (RJD).
v.c.12 - Leckford, 28.v.84, one (JRL, DHS).
204. *B. maritima* Stt.
p.33, add:
v.c.11 - Hurst Castle, 1.vi.88, one by day; Lower Test Marshes Nature Reserve, 12.viii.82, many cocoons on grass under *Aster tripolium* (DHS); Bursledon, v.c.; Southsea, 4.viii.81, 3.viii.82, singletons at m.v.light; Hayling Is., 7.vi.86, empty mines (JRL).
205. *B. frangulella* (Goeze)
p.34, add:
v.c.11 - Sparsholt, larvae on *Frangula* (DHS); Emer Bog, 5.x.86, mines & larvae c. on *Frangula* (JRL, ECP-C); Botley Wood, 10.ix.87, sev. larvae (JRL, DHS); Wickham, c.; Havant Thicket, c. (JRL).
v.c.12 - Leckford, 6.x.79 and subsequent years, larvae f.c. on *Rhamnus catharticus* (DHS), c.; Chilbolton Down, c., larvae on *R. catharticus* (JRL).
206. *B. albedinella* Zell.
p.34.
207. *B. cidarella* Zell.
p.34, add:
v.c.11 - Matley Bog, 25.ix.82, old moulting cocoons and mines on *Alnus glutinosa* (DHS); Emer Bog, Oct.1986, larvae v.abdt.; Browndown, 26.viii.85, larvae on *Myrica gale*, one moth bred; 24.viii.86, many larvae, moths bred (JRL, DHS).

208. *B. thoracella* (Thunb.)
 p.34, add:
 v.c.11 - Highcliffe, indoors on a window frame, 28.vii.82 (Wild, 1982, *Entomologist's Rec.J.Var.* 94: 206); Winchester, 6.vi.76, at m.v.light (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315); Sparsholt, one larva on *Tilia vulgaris*, 8.viii.82 (DHS); Ampfield Wood, larvae v.loc. on *T. cordata*; West Walk, Wickham, larvae sc. (JRL). See Goater (1983).
 add:
 v.c.11 - Southsea, 13.viii.86 & 12.viii.87, singletons at m.v.light (JRL).
209. *B. ulmella* Zell.
 p.34, add:
 v.c.11 - Highcliffe (EHW); Needs Ore, 5.vi.85, one; Ampfield, 27.vii.83, one pupa, moth bred; Winchester, 5.viii.83(2), 15.viii.83, at m.v.light (DHS); Emer Bog; Botley Wood, 10.xi.84, cocoons c. on *Quercus*; bred from spongy oak galls collected at Wickham, Southwick, Browndown, Portsmouth, Havant Thicket & Hayling Is. (JRL).
210. *B. bechsteinella* (Bech.& Scharf.)
 = *crataegi* Zell.
 p.34, add:
 v.c.11 - Sparsholt, larvae collected in 1983, '84 & '86, moths bred (DHS); Botley Wood, 3.vi.76, one by day (DWHF); Soberton, 13.vii.85, larvae f.c.; Portsdown Hill, 8.viii.85, mines & moulting cocoons f.c.; Southsea, 29.vii.83, one at m.v.light; Havant Thicket, 6.x.83, moulting cocoons & larval feedings (JRL); Oxenbourne Down, 19.v.73, male by day, genitalia checked (RJD).
 v.c.12 - Nether Wallop, 1975, mines; Longparish; Itchen Valley, 22.vi.75, one at sunset (DWHF).
211. *B. demaryella* (Dup.)
 p.34, add:
 v.c.10 - Haven Street, 7.viii.87, one larva on *Betula* (JRL, ECP-C).
 v.c.11 - Botley Wood, 26.viii.85, one larva & a number of empty moulting cocoons on *Betula* (JRL, DHS).

GRACILARIIDAE

212. *Caloptilia cuculipennella* (Hübner.)
 p.35, add:
 v.c.11 - Highcliffe (EHW); Farley Mount, 31.vii.48, cones found rather commonly on privet at edge of a copse (Fassnidge, 1948, *Entomologist's Rec.J.Var.* 60: 115).
213. *C. elongella* (Linn.)
 p.35, add:
 v.c.10 - Alverstoke, 1980, series bred from *Alnus* (EHW).
 v.c.11 - Matley Bog, larvae c. on *Alnus*; Ashurst, 22.ix.85, imago (JRL, DHS); Romsey, 28.ix.79; Emer Bog, 18.vi & 18.x.86, larvae on *Alnus* (DHS); Curbridge, 16.iv.73, one at m.v.light; Rowner Wild Grounds, 17.iv.73, one at m.v.light (RJD); Botley Wood, 10.ix.87, a few larvae (JRL, DHS); Southwick, c., larvae on *A. glutinosa* (JRL).
 v.c.12 - Leckford, 5.ix.73, few mines and cones on *A. glutinosa* (DWHF), c. (JRL); Northington & Alresford, 1975, cones loc.c., moths bred (DWHF); Bramley Frith, 9.iv.91, one at m.v.light (AHD).
214. *C. betulicola* (Hering)
 p.35, add:
 v.c.11 - Highcliffe (EHW); Beaulieu Road, 4.x.75; Braishfield, c. (JRL); Sparsholt; Emer Bog, 3.vii.83, one, and a few in 1987; Winchester, few at m.v.light most years (DHS); Botley Wood, c.; Southsea, sc.; Havant Thicket, c. (JRL).

- v.c.12 - Harewood Forest, 13.ix.79; Leckford, 17.x.74, two (DHS).
215. *C. rufipennella* (Hübner.)
- v.c.11 - Winchester, three at m.v.light, Aug.1991, and two bred from tenanted cones, Aug.1991 (DHS); Southsea, 16.vii.90, one at m.v.light; common in 1991 from May to September, and larval spinings found at Hilsea on *Acer pseudoplatanus* (JRL). NEW COUNTY RECORD.
216. *C. azaleella* (Brants)
- p.35, add:
- v.c.11 - Highcliffe (EHW); Ampfield, Hilliers Arboretum, after many unsuccessful searches, many larval cones found 19.viii.89 on *Azalea* var. "Atalanta": eleven were tenanted, and five moths bred early Sept. (DHS); Otterbourne, 1975, one at dusk (DWHF); Southsea, 8.vii.84, one at m.v.light (JRL); Hayling Is., June 1986, two at m.v.light (JMW).
217. *C. alchimiella* (Scop.)
- p.36, add:
- v.c.11 - Highcliffe (EHW); Sparsholt College, 1987, at m.v.light (AHD); Sparsholt, 1976, '78 & '84, few; Winchester, 1981 & '87, few at m.v.light; Ampfield, one larvae, moth bred (DHS); Botley Wood, 24.v.76, one by day (DWHF); West Walk, Wickham, 28.vi.86, few at m.v.light (JRL).
- v.c.12 - Harewood Forest, 13.vi.82, 18.viii.84; Leckford, 14.viii.80; all genitalia checked; Newtown Common, 12.iv.81, one pupa, moth bred (DHS).
218. *C. robustella* Jäckh.
- p.36, add:
- v.c.11 - Highcliffe (EHW); Burley Street, 21.x.81, cones, moths bred; Sparsholt, 31.vii.82, one at m.v.light; Winchester, 18.ix.85, one at m.v.light, and a few in 1986, '87 & '88 (DHS); Ashurst, 3.vi.85, one; Botley Wood, 12.vi.83, one; West Walk, Wickham, 13.v.82, 28.vi.86, singletons; Southwick, 27.v.79; Southsea, 27.viii.84, one at m.v.light; Havant Thicket, 19.vii.81, one cone on *Quercus*, moth bred (JRL); Rowner Wild Grounds, 28.viii.72, male at m.v.light (RJD).
- v.c.12 - Harewood Forest, 2.viii.80; Leckford, 12.vii.81, cones f.c. on *Quercus*, moths bred (JRL); Armsworth, 1975, two at m.v.light (DWHF).
219. *C. stigmatella* (Fabr.)
- p.36, add:
- v.c.10 - Haven Street, 7.viii.87, spinings on *Populus tremula* (JRL, ECP-C).
- v.c.11 - Highcliffe (EHW); Parnholt Wood; Emer Bog; Braishfield, 10.vii.78; Ampfield, 30.vii.77 & larvae, 28.ix.85; Winchester, 20.vii.81, one at m.v.light (DHS); Sparsholt College, 1987, two at m.v.light (AHD); West Walk, Wickham, 7.ix.86, cones on *Salix*; Browdown c.; Portsmouth, 5.x.85; Southsea, 18.vii.84, one at m.v.light; Havant Thicket, c.; Waterlooville, c.; Hayling Is., 19.x.85, cones (JRL).
- v.c.12 - Harewood Forest, 1980 (DHS); Leckford, c.; Longmoor, 1975 (DWHF).
220. *C. falconipennella* (Hübner.)
- p.36, add:
- v.c.11 - Matley Bog, 14.viii & 11.ix.83, larvae and pupae on *Alnus glutinosa*, moths bred (JRL, DHS).
221. *C. semifascia* (Haw.)
- p.36, add:
- v.c.10 - Newtown, one taken Sept. 1980 (EHW); Haven Street, 7.viii.87, one spinning (JRL, ECP-C).
- v.c.11 - Sparsholt, 18.iv.81, one by day, cones found commonly on *Acer campestre* in July 1981, '83 & '84 (JRL, DHS); Winchester, 20.viii.87, one at m.v.light (DHS).

222. *C. leucapennella* (Steph.)
p.36, add:
v.c.10 - Between Yarmouth and Freshwater, 18.ix.76, one beaten from *Quercus* (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 75).
v.c.11 - Sparsholt, 22.i.83, two beaten from yew (JRL); Emer Bog, 25.xii.87, one beaten from yew; Winchester, 31.vii.79, one on a fence; Botley Wood, 27.vi.81, larva on *Quercus*, moth bred, 24.viii.86, one by day (DHS).
223. *C. syringella* (Fabr.)
p.37, add:
Common everywhere on *Fraxinus*, *Syringa* and *Ligustrum* (JRL).
v.c.11 - Hayling Is., c. (JMW, 1986).
224. *Aspilapteryx tringipennella* (Zell.)
p.37, add:
v.c.10 - St. Lawrence, 2.vi.79, three mines (DHS); Brading Down, 11.vi.81 (JRL); Brighstone, 3.viii.87, a few mines; Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Sparsholt, bred; Winchester, 1976-86, few (DHS); St. Catherines Hill, Winchester, c.; Botley Wood; Park Gate, c.; Portsdown Common; Southsea, v.c. (JRL); Oxenbourne Down, 24.vi.72, 25.v.73 (RJD).
v.c.12 - Leckford, 16.vii.80, one, and a few in 1986 & '87 (DHS); Armsworth, 1975 (DWHF).
225. *Calybites hauderi* (Rebel)
= *pyrenaeella* (Chrét.)
p.37, add:
v.c.10 - St. Helens, 11.vi.81, cones f.c. on *Acer campestre*, moths bred (JRL).
226. *C. phasianipennella* (Hübner.)
p.37, add:
v.c.11 - Highcliffe (EHW); Burton Common, Highcliffe, 27.iii.82, one (JRL).
227. *C. auroguttella* (Steph.)
p.38, add:
v.c.11 - Sparsholt, c. (JRL); Farley Mount, 4.vii.80 (FHNS); Winchester, 13.vii.78, 16.vii.86, 3.viii.87, singletons at m.v.light; Winnall Moors, 13.viii.88, one at m.v.light (DHS); Botley Wood, c.; Clanfield, c.; East Meon, 2.v.81, one; Portsdown c.; Southsea, c. (JRL); Hayling Is., 1975 (DWHF).
v.c.12 - Harewood Forest, c. (JRL, FHNS); Stockbridge, 18.iv.81, two (JRL, DHS); Armsworth, 1975; Longmoor, 1975 (DWHF).
228. *Parectopa ononidis* (Zell.)
p.38, add:
v.c.11 - Winchester, moth em. 20.iv.76 from larva on *Trifolium pratense* found 18.ix.75; 18.viii.86, one at m.v.light; St. Catherines Hill, larvae f.c. (DWHF); Portsdown Hill, mines v.c. in autumn 1980 & '81, larvae c. in April, moths bred (JRL, DHS); Farlington, 9.viii.72 (RJD).
229. *Parornix loganella* (Stt.)
p.38.
230. *P. betulae* (Stt.)
p.38, add:
v.c.11 - Braishfield, 8.v.77; Sparsholt, c.; Emer Bog, f.c.; Havant Thicket, v.c. (JRL, DHS).

v.c.12 - Harewood Forest, c. (JRL).

Many other records from both mainland vice-counties (JRL, DHS).

231. *P. fagivora* (Frey)

v.c.11 - East Meon, Sept.1976, mines c. on *Fagus*, sc. since; Sparsholt, one empty mine (JRL).

v.c.12 - Stockbridge, 4.v.76, one by day; Itchen Valley, 4.vi.75, two on wing at sunrise; f.c. flying round beech early and late in day, 1976; larval spinings and cocoons on *Fagus* (DWHF). See Goater (1983).

add:

v.c.11 - Ashurst, 3.viii.85, one, genitalia det. (JRL); East Meon, 6.vi.83, 1.vi.85, both genitalia det. (DHS).

232. *P. anglicella* (Stt.)

p.38, add:

v.c.10 - Haven Street, Ventnor, Brading Down, St. Helens, Aug.1987, spinings (JRL, ECP-C).

v.c.11 - Denny Bog, 1977, one; Sparsholt, 27.x.81, cones; Winchester, 24.v.78, one (DHS); Droxford, c.; Southsea, c.; Havant Thicket, c. (JRL); Hilsea, 17.ix.81, cones (DHS).

v.c.12 - Nether Wallop, 1975, mines; Martyr Worthy, 19.iv.75, one bred from *Malus* (DWHF); Leckford, Chilbolton, 8.v.82, six by day (DHS).

Many other records from both mainland vice-counties (JRL, DHS).

233. *P. devoniella* (Stt.)

p.38, add:

v.c.10 - Haven Street, 7.viii.87, a few mines and folds on *Corylus* (JRL, ECP-C).

v.c.11 - Sparsholt, c.; Emer Bog, c.; Ampfield, c.; Droxford, c.; Havant Thicket, c.; and in many other localities. Larvae on *Corylus*. (JRL, DHS).

v.c.12 - Generally common throughout the vice-county. (JRL, DHS).

234. *P. scoticella* (Stt.)

p.39, add:

v.c.11 - Ashurst, 22.ix.85, sev. mines on *Sorbus aucuparia*; Ampfield, 22.ix.85, one mine; (JRL, DHS); Wickham, 8.v.76 (JRL); Oxenbourne Down, 25.vi.73, two at dusk, genitalia checked (RJD); Southsea, 29.v.84, two, 17.vii.84, one, both at m.v.light, genitalia det. (JRL).

235. *P. finitimella* (Zell.)

p.39, add:

v.c.11 - Sparsholt, 31.x.76 (JRL), 5.x.82, larvae (DHS); Winchester, 4.viii.80, two bred; Teg Down, 18.ix.81 (DHS); Droxford, 1976, bred from *Prunus spinosa*; Southsea, 25.viii.83, 17.vi.86, at m.v.light, both genitalia det.; Hayling Is., 19.x.85, one larva, moth bred (JRL).

v.c.12 - Leckford, Oct.1981, larvae f.c. (JRL); Chilbolton Down, 4.ix.82, larvae (DHS).

236. *P. torquillella* (Zell.)

p.39, add:

v.c.10 - Ventnor, 5.viii.87, two at m.v.light, genitalia dissected (JRL, ECP-C).

v.c.11 - Minstead, 25.vii.74 (LWS); Botley Wood, c.; Droxford, f.c.; Portsdown Hill, 8.viii.85, one larva; Portsmouth, 5.x.85, two larvae; Horsea Is., 10.x.85 & Hayling Is., 19.x.85, larvae f.c.; Havant Thicket, f.c. (JRL).

237. *Callisto denticulella* (Thunb.)

p.39, add:

v.c.11 - Minstead, 8.v.76 (LWS); Winchester, 1977 & 4.vi.82, at m.v.light, Oct.'83,

- larvae, one bred, 3.vi.86, one by day (DHS); Botley Wood, f.c.; Droxford, f.c.; Portsdown Hill, 20.iv.86, sev. old mines; Southsea, f.c.; Horsea Is., 26.ix.85, larvae c. (JRL).
- v.c.12 - Longmoor, 1975 (DWHF).
238. *Acrocercops imperialella* (Zell.)
p.39.
239. *A. brongniardella* (Fabr.)
p.39, add:
v.c.11 - Ashurst, 19.vi & 3.viii.85, mines, moths bred; Ampfield, 1977, two bred from mines on *Quercus*; Emer Bog, 18.vi.86, many mines (DHS); Botley Wood, 24.viii.86, old mines; Browndown, 13.viii.83, mines abdt. on *Q. ilex*; Southsea, 1.viii.85, one at m.v.light (JRL). Emer Bog, Botley Wood, Havant Thicket, Hayling Is., mines v.abdt in 1991 (JRL).
v.c.12 - Stockbridge Down, 7.vii.85, mines c. on *Quercus* (JRL, DHS).
240. *Leucospilapteryx omisella* (Stt.)
p.39, add:
v.c.11 - Farley Mount, 29.viii.82, mines; Hilsea, 17.ix.81, mines (DHS); Portsdown Hill & Portsmouth, larvae loc.c. on bladdered leaves of *Artemisia vulgaris* (JRL).
v.c.12 - Leckford, 21.ix.80, bred, 31.viii.81 & 8.ix.86, mines c. on *A. vulgaris* (DHS); Chilbolton Down, c.; Wherwell, c. (JRL).
241. *Phyllonorycter harrisella* (Linn.)
p.40, add:
v.c.10 - Parkhurst Forest, 15.v.83, one (JRL).
v.c.11 - Highcliffe (EHW); Sparsholt, c. (DHS); Braishfield, c.; Botley Wood, c.; Wickham, c.; Southsea, c.; Waterloo-ville, c.; Havant Thicket, c. (JRL); Hayling Is., c. (JMW, 1986).
v.c.12 - Harewood Forest, c. (JRL); Armsworth, 1975 (DWHF).
- Common throughout v.c.'s 11 & 12 in oak woodland (JRL, DHS).
242. [*P. roboris* (Zell.)]
p.40.
243. *P. heegeriella* (Zell.)
v.c.11 - Lymington Marsh, 4.viii.79, one mine on *Quercus* (DHS); West Walk, Wickham and Havant Thicket, moths bred from mines collected Jan. 1976 in leaves clothing young oaks (Langmaid, 1976, *Entomologist's Rec.J.Var.* 88: 240); Botley Wood, c.; West Walk, c.; Havant Thicket, c. (JRL, DHS). See Goater (1983).
244. *P. tenerella* Joan.
p.40.
245. *P. saportella* (Dup.)
p.40.
246. *P. quercifoliella* (Zell.)
p.40, add:
v.c.11 - Ashurst, 22.ix.85, mines; Sparsholt; Emer Bog, 5.v.84 & 4.v.87, sev. by day (DHS); Braishfield, c.; Botley Wood, c.; Wickham, c.; Southsea, c.; Waterloo-ville, c.; Havant Thicket, c. (JRL); Hayling Is., c. (JMW, 1986).
v.c.12 - Harewood Forest (FHNS); Armsworth, 1975 (DWHF).

Common throughout v.c.'s 11 & 12 in oak woodland (JRL, DHS).

247. *P. messaniella* (Zell.)
p.40, add:
v.c.11 - Highcliffe (EHW); Teg Down, Winchester, mine 1.vi.79 on *Quercus ilex*, moth em. next day (DHS); Ashurst; Sparsholt, c.; Emer Bog, c.; Ampfield; Botley Wood, c.; Southsea, abdt.; Waterlooville, c. Havant Thicket, c. (JRL, DHS).
- Mines on *Quercus ilex*, deciduous *Quercus* spp., *Fagus*, *Carpinus* and *Castanea* (JRL, DHS).
248. *P. oxyacanthae* (Frey)
p.40, add:
v.c.10 - Freshwater, mine on *Crataegus*, 26.viii.78 (DHS); Tennyson Down, Brading Down, Aug. 1987, mines on *Crataegus* (JRL, ECP-C).
v.c.11 - Parnholt Wood, 16.iv.81, few; Farley Mount, 1977, bred; Emer Bog, c.; Teg Down, Winchester, 1979, bred (DHS); Park Gate, 1973, mines c.; Upper Titchfield Haven, 1972 (RJD); Sparsholt, c.; Botley Wood, c.; Droxford, c.; Clanfield, c.; Southwick, c.; Horton Heath, c.; East Meon, c.; Cosham, c.; Portsmouth, c.; Horsea Is., 10.x.85; Havant Thicket; Hayling Is., 19.x.85, mines c. (JRL, DHS), c. (JMW, 1986); Oxenbourne Down (RJD).
v.c.12 - Longparish, 1975, mines (DWHF); Medstead, 12.vii.81 (FHNS).
249. *P. sorbi* (Frey)
p.41, add:
v.c.11 - Ashurst, 33.viii.85, mines f.c. on *Sorbus aucuparia*; Ampfield, 28.ix.85, mines c. (JRL, DHS); Emer Bog, July 1986 & '87, mines (DHS); Wickham, mines c. on *S. aucuparia*; Horsea Is., 27.x.85, mines loc.c. (JRL).
250. *P. mespilella* (Hübner)
p.41.
251. *P. blancardella* (Fabr.)
p.41, add:
v.c.11 - Highcliffe (EHW); Winchester, 1977, nine bred from mines on *Malus*; also in 1980 & '86 (DHS); Botley Wood, 10.xi.84, mines on *Malus*, moths bred by R.P.Knill-Jones (comm. JRL); Droxford, c.; Portsmouth, c.; Southsea, c. (JRL).
v.c.12 - Leckford, 30.ix.73, one mine on *Malus* (DWHF); Bramshott Common, c. (JRL).
252. *P. cydoniella* (D. & S.)
v.c.11 - Lyndhurst, mines v.c. on *Malus sylvestris*, 28.x.75, moths bred (DWHF); Sparsholt, 1977, mines on *M. sylvestris*, one moth bred Botley Wood, 29.vii.81, bred (DHS); Havant Thicket, c. (JRL).
v.c.12 - Harewood Forest, viii.81, mines on *M. sylvestris*, bred (DHS). See Goater (1983).
- add:
v.c.11 - Ashurst, 22.ix.85, mines; Botley Wood, 24.viii.86, mines (JRL, DHS).
v.c.12 - Shroner Wood, 30.ix.84, mines (JRL, DHS).
253. *P. spinicolella* (Zell.)
= *pomonella* (Zell.)
p.41, add:
v.c.10 - Tennyson Down, 4.viii.87, one mine (JRL, ECP-C).
v.c.11 - Ashurst, 3.viii.85, mines; Teg Down, Winchester (DHS); Sparsholt, v.c.; Botley Wood, v.c.; Fareham, f.c.; East Meon, f.c.; Droxford, f.c.; Portsdown Hill, 20.ix.86, mines; Portsmouth, c.; Hayling Is., 19.x.85, mines f.c. (JRL), c. (JMW, 1986).

v.c.12 - Leckford, c. (JRL); Shroner Wood, 30.ix.84, mines (JRL, DHS).

Mines on *Prunus spinosa* and *P. domestica*.

254. *P. cerasicolella* (H.-S.)

p.41, add:

v.c.11 - Sparsholt, 1977, mines c. on *Prunus cerasus*, but no moths bred successfully in 1980, '82 & '83 (DHS); Wickham, c.; Portsdown Hill, 20.ix.80, mines; Hayling Is., 19.x.85, mines f.c. (JRL, DHS).

v.c.12 - Leckford, 1977, few mines (DHS).

255. *P. lantanella* (Schrank)

p.41, add:

v.c.10 - Brighstone, 3.viii.87, one mine on *Viburnum lantana* (JRL, ECP-C).

v.c.11 - Sparsholt, bred several times in recent years from *V. lantana* (DHS); Droxford, f.c.; East Meon, f.c., mines on *V. lantana* (JRL).

256. *P. corylifoliella* (Hübner)

p.42, add:

v.c.10 - Tennyson Down; Brading Down, Aug. 1987 (JRL, ECP-C).

v.c.11 - Ashurst, mines c.; Farley Mount, 1977, bred from *Crataegus*; Winchester, bred from *Malus* (DHS); Emer Bog; Botley Wood, c.; East Meon, c.; Horton Heath, c.; Boarhunt, c.; Droxford, c.; Portsmouth, v.c.; Horsea Is.; Havant Thicket, c. (JRL); Oxenbourne Down, 2.ix.73, mines c. (RJD).

v.c.12 - Harewood Forest; Chilbolton Down; Shroner Wood & other localities too numerous to cite (JRL, DHS).

257. *P. viminiella* (Sirc.)

p.42, add:

v.c.11 - Highcliffe (EHW); Sparsholt, 1977, bred from *Salix*; Emer Bog, 28.ix.80, mines (DHS); Portsmouth, c.; Waterlooville, c.; Havant Thicket, c.; Hayling Is., 19.x.85, mines f.c., moths bred (JRL), v.c. (JMW, 1986).

v.c.12 - Leckford, 7.viii.76, mines (DHS), c. (JRL).

258. *P. viminetorum* (Stt.)

p.42, add:

v.c.12 - Leckford, 10.x.81 and 5.viii.82, mines on *Salix viminalis*, moths bred (JRL, DHS).

259. *P. salicicolella* (Sirc.)

p.42, add:

v.c.11 - Sparsholt, bred (DHS); Botley Wood, c.; Southwick, c.; Browndown, c.; Havant Thicket, c.; Waterlooville, c.; mines apparently on *Salix atrocinerea* and *S. caprea* only; Havant Thicket, Aug. 1982, one bred from *Populus tremula* (JRL).

260. *P. dubitella* (H.-S.)

p.42, add:

v.c.11 - Sparsholt, bred from mines on *Salix caprea* taken in 1977 (DHS); Droxford, sc.; East Meon, c.; Southwick, c.; Waterlooville, c.; mines on *S. caprea* only (JRL).

v.c.12 - Leckford, 26.iii.76, moth em. from mine taken on *S. caprea*, 16.xi.75 (DWHF); Bramley Frith Wood, 17.viii.88, f.c. (AHD).

261. *P. hilairella* (Zett.)

= *spinolella* (Dup.)

p.42, add:

v.c.11 - Parnholt Wood; Sparsholt, 18.x.86, mines (DHS); Braishfield, c.; Botley Wood, 7.v.84, one by day; Southwick, c.; East Meon, c.; Waterlooville, c.; mines on *Salix caprea* only (JRL).

- v.c.12 - Leckford, 26.iii.76 *et seq.*, sev. em. from mines taken on *S. caprea*, 16.xi.75 (DWHF).
262. *P. cavella* (Zell.)
p.43, add:
v.c.11 - Ashurst, 22.ix.85, few mines, one moth bred; Emer Bog, 5.v.84, one by day; Botley Wood, 26.viii.85, one mine; Havant Thicket, 1975, mines f.c. on *Betula*, sc. since (JRL); Emer Bog, 3.x.82 & 18.x.86, a few mines (DHS).
263. *P. ulicicolella* (Stt.)
p.43, add:
v.c.11 - Wickham, 5-6.vi.76, sev. flying round gorse at dusk in locality where DWHF took one in 1972 (Langmaid, 1976, *Entomologist's Rec.J.Var.*88: 225); South-sea, 1.vii.77, one at m.v. light (JRL).
264. *P. scopariella* (Zell.)
v.c.11 - Botley Wood, f.c. (JRL).
v.c.12 - Itchen Valley, 4.vi.75, locally v.c. on wing at and before sunrise (DWHF); Micheldever Wood, bred from mines in stems of broom (JRL). See Goater (1983).
265. *P. maestingella* (Müll.)
p.43, add:
Countless records from v.c.'s 11 & 12; mines c. on *Fagus* (JRL, DHS).
266. *P. coryli* (Nic.)
p.43, add:
v.c.10 - Haven Street, 4.viii.87, mines (JRL, ECP-C).
Mines abdt. wherever *Corylus* occurs throughout v.c.'s 11 & 12 (JRL, DHS).
267. *P. quinnata* (Geoff.)
p.43, add:
v.c.11 - Droxford, loc.c.; Southwick, v.loc.; Havant Thicket, v.locally c. (JRL).
Mines on *Carpinus*, which is very local in Hampshire.
268. *P. strigulatella* (Zell.)
= *rajella* auctt.
p.43, add:
v.c.11 - Highcliffe (EHW); Chandlers Ford, 1975, loc.c. (DWHF); East Meon, mines locally abdt. (JRL).
Mines on *Alnus incana*.
269. *P. rajella* (Linn.)
= *alnifoliella* (Hübner.)
v.c.10 - Ryde, bred from *Alnus cordata* (JRL).
v.c.11 - Chandlers Ford, 1975, c., bred (DWHF); Matley Bog, 5.viii.79, mines (DHS); Southwick, v.c.; Havant Thicket, c.; Waterlooville, c.; mines on *A. glutinosa* (JRL).
v.c.12 - Leckford, c. (DWHF); Ovington, four em. 1978 from mines taken on *A. glutinosa* in 1977 (DHS).
270. *P. anderidae* (Fletcher.)
p.44, add:
v.c.11 - Emer Bog, 4.xi.84, several mines, moths bred; Havant Thicket, mines on

- Betula*, 21.ix.79, moths em. 1980 (DHS), mines on birch seedlings (JRL).
v.c.12 - Bramshott Common, mines loc.f.c. (JRL).
271. *P. quinqueguttella* (Stt.)
p.44, add:
v.c.11 - Pig Bush, mines on *Salix repens*; Emer Bog, c. (JRL).
272. *P. lautella* (Zell.)
p.44, add:
v.c.11 - Sparsholt, 1977, mines on *Quercus*, one moth bred; mines found again in 1981 & '83 (DHS); Emer Bog, mines in Nov.1984 & '85; Ampfield, 28.ix.85, mines (JRL, DHS); Botley Wood, f.c.; Wickham, f.c.; Havant Thicket, c. (JRL).
v.c.12 - Harewood Forest, 1.viii.81, mines (DHS).
273. *P. schreberella* (Fabr.)
p.44, add:
v.c.10 - St. Helens, 5.viii.87, mines on *Ulmus procera* (JRL, ECP-C).
v.c.11 - Winchester, mines sc. on *U. procera*, one moth bred (DHS); Portsmouth, sc.; Horsea Is., 26.ix.85, mines c. (JRL).
v.c.12 - Leckford, 30-31.iii.73, eleven moths em. from mines on *U. procera* collected 18.ix.72 (DWHF), f.c. (JRL), still present, but mines less c. in 1984 (DHS).
274. *P. ulmifoliella* (Hübner.)
p.44, add:
v.c.10 - Haven Street, 7.viii.87, a few mines (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); mines found commonly on *Betula* at Sparsholt, Braishfield, Emer Bog, Ampfield, Botley Wood, Wickham, Southwick, Havant Thicket & Horsea Is. during the 1980's (JRL, DHS).
v.c.12 - Leckford, 2.ix.74, two mines on *Betula*, one moth em. 10.x.74 (DWHF); Shroner Wood, 30.ix.84, mines (DHS); Bramshott Common, c. (JRL); Bramley Frith Wood, 6.v.88, f.c. (AHD).
275. *P. emberizaepennella* (Bouché)
p.44, add:
v.c.10 - Luccombe Chine, 7.vi.72, one by day, det. S.N.A. Jacobs (RJD).
v.c.11 - Highcliffe (EHW); Botley Wood, 10.ix.87, a few mines; Soberton, 1986, mines loc. on *Symphoricarpos*; Havant Thicket, loc.f.c., mines on *Lonicera* (JRL, DHS).
276. *P. tristrigella* (Haw.)
p.44, add:
v.c.10 - St. Helens, 5.viii.87, one mine on *Ulmus procera* (JRL, ECP-C).
v.c.11 - Common throughout the vice-county; recorded localities include Sparsholt, Winchester, Southwick, Portsmouth, Hilsea, Horsea Is.; mines on *U. procera* and *U. glabra* (JRL, DHS).
v.c.12 - Common throughout (JRL, DHS).
277. *P. stettinensis* (Nic.)
p.45, add:
v.c.11 - Matley Bog, 7.viii.79, mines; Emer Bog, 17.ix & 18.x.86, and 29.viii.87, few mines (DHS); Havant Thicket, f.c.; Waterlooville, f.c. (JRL).
v.c.12 - Leckford, 16.xi.75, a few mines (DWHF), 8.viii.81, mines unbelievably abdt. (JRL).
278. *P. froelichiella* (Zell.)
p.45, add:
v.c.11 - Emer Bog, 17.ix.86 & 4.v.87, mines (JRL, DHS); Southwick, f.c.; Waterlooville, f.c.; mines on *Alnus glutinosa* (JRL).
v.c.12 - Leckford, 25/27.iii.76, two moths em. from mines taken 2.xi.75 (DWHF), mines c., moths bred (DHS).

279. *P. nicellii* (Stt.)
p.45, add:
v.c.11 - Ashurst; Sparsholt, f.c.; Emer Bog; Ampfield; Botley Wood, c. Wickham, c.; Droxford, c.; East Meon, c.; Havant Thicket, c.; Waterlooville, c. (JRL, DHS).
v.c.12 - Harewood Forest; Shroner Wood; Petersfield (JRL, DHS).
- Mines on *Corylus*, never as common as *P. coryli* (JRL).
280. *P. kleemannella* (Fabr.)
p.45, add:
v.c.11 - Southwick, f.c.; Havant Thicket, f.c.; Waterlooville, f.c.; mines on *Alnus glutinosa* (JRL).
v.c.12 - Stockbridge, 18.x.79, mines, moths bred 1980; Ovington, two bred from *Alnus*, 1978 (DHS).
281. *P. trifasciella* (Haw.)
p.45, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 1977, six bred from *Lonicera* (DHS); Braishfield, c.; Emer Bog; Botley Wood, c.; Wickham, c.; Southwick, c.; Southsea, c.; Havant Thicket, c.; mines on *Lonicera* (JRL).
v.c.12 - Shroner Wood, 30.ix.84, mines (JRL, DHS).
282. *P. acerifoliella* (Zell.)
= *sylvella* (Haw.)
p.46, add:
v.c.10 - St. Helens, 5.viii.87, one moth and a few mines (JRL, ECP-C).
v.c.11 - Sparsholt, 1977, eight bred from *Acer campestre* (DHS); c.; Botley Wood, 10.xi.84, few mines; Droxford, c.; Cosham, c.; Portsdown Hill, 20.ix.86, mines (JRL, DHS); Hayling Is., c. (JMW, 1986).
v.c.12 - Harewood Forest, c.; Leckford, 16.xi.75, few mines, moths bred 1976 (DWHF).
283. *P. platanoidella* (Joan.)
v.c.11 - Ampfield, seven bred from *Acer platanoides* em. viii.78; Winchester, bred from mines on *A. platanoides*, 1977 and 1980 (DHS); East Meon, loc.c.; Havant Thicket, loc.c. (JRL, DHS). See Goater (1983).
add:
v.c.11 - Winchester, few mines each year (DHS); Southsea, 9.viii.86, one at m.v.light (JRL).
v.c.12 - Leckford, 7.ix.84, few mines on *A. platanoides* (DHS). NEW VCR.
284. *P. geniculella* (Rag.)
p.46, add:
v.c.10 - Tennyson Down, 6.viii.87, two mines; Brighstone, 3.viii.87, mines; Brading Down, 5.viii.87, one mine (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Parnholt Wood, 19.x.80; Braishfield, f.c.; Sparsholt, f.c.; Droxford, f.c.; East Meon, f.c.; Southsea, f.c.; Horsea Is., 26.ix.85, mines rather sc.; Havant Thicket, f.c. (JRL); Sinah Common, Hayling Is., 20.v.72, genitalia det. (RJD).
v.c.12 - Leckford, f.c. (JRL).

PHYLLOCNISTIDAE

285. *Phyllocnistis saligna* (Zell.)
p.46, add:
v.c.12 - Leckford, mines c. on *Salix purpurea* on riverside, 6 & 11.viii.83 and 28.vi & 22.vii.84 and 13.ix.87; broods appear to overlap, as mines in all stages seen on all these visits (DHS).

286. *P. unipunctella* (Steph.)
 p.46, add:
 v.c.10 - Totland, 29.viii.75, single mine on *Populus* (Johnson, 1976, *Entomologist's Rec.J.Var.* 88: 272).
 v.c.11 - Mottisfont, 12.vi.80 (FHNS): Winchester, occ. (DHS); Southsea, abdt. (JRL).
 v.c.12 - Leckford, 10.vii.79, three, 10.ix.79, 11.iv.81, 8.v.82, singletons, and 6.viii.83, few, all taken by day (DHS).

SESIIDAE

287. *Sesia apiformis* (Clerck) Hornet Clearwing
 p.46, add:
 v.c.12 - Chilbolton, 1982, two pairs *in copula* and seven empty pupa cases (E.C.L. Simson, comm. DHS), 18.vii.88, one empty pupa case (AJP). This remains the only known locality in the county.
288. *S. bembeciformis* (Hübner) Lunar Hornet Clearwing
 p.47, add:
 v.c.11 - Botley Wood, 29.vii.81, one hovering over a *Salix* bush (DHS); Soberton, 21.vii.80, one (JRL); Browndown, 17.iv.88, larvae (AJP).
 v.c.12 - Leckford, 8.iv.79, one larva, moth em. 30.viii.79 (DHS); Heckfield Heath, 1977, bred (BG).
289. *Paranthrene tabaniformis* (Rott.) Dusky Clearwing
 p.47.
290. *Synanthedon tipuliformis* Clerck Currant Clearwing
 = *salmachus* (Linn.)
 p.47, add:
 v.c.10 - Totland, 5.vii.80 (JMC).
 v.c.11 - Southsea, 1974, c. around old currant bushes in a garden; bushes now uprooted (JRL), 17.iv.88, five larvae, moths bred (AJP).
 v.c.12 - Cholderton, 8.vi.82, one bred (RAB).
291. *S. vespiformis* (Linn.) Yellow-legged Clearwing
 p.48, add:
 v.c.10 - Parkhurst Forest, 15.v.83, larvae, sev. bred (JRL, DHS).
 v.c.12 - Harewood Forest, 1979, two bred (DHS).
292. *S. (Conopia) spheciformis* (D. & S.) White-barred Clearwing
 p.48, add:
 v.c.11 - Flexford Nature Reserve, 18.vi.88, one beaten from alder (D. Goodall, comm. DHS).
 v.c.12 - Newtown Common, 25.iv.84, sev. larvae in a freshly-cut birch stump, moths bred (DHS); Heckfield Heath, bred in 1979 & '80 (RAB); Bartley Heath Reserve, Hook, 1987, quite a strong colony discovered (M.R. Oates, AHD); Bordon dist., c. in one locality (JWOH).
293. *S. (Conopia) flaviventris* (Stdgr.) Sallow Clearwing
 p.48, add:
 v.c.11 - Wickham Common, c.; Southwick, c. usually highly parasitised and difficult to breed, except in 1974 when a long series was bred successfully (JRL); Boarhunt, Feb.1988, c.30 galls, 3 moths bred (AJP); Purbrook Marsh, 1986, few galls (DHS); Havant Thicket, 1982, galls c., but very few bred, 1984, galls f.c., mostly bred successfully (BG, JRL, DHS).
 v.c.12 - Leckford, a few galls observed most "even" years (DHS); Woolmer Forest, 1988, galls c., four moths bred (BG).

294. *S. (Conopia) andrenaeformis* (Lasp.) Orange-tailed Clearwing
 = *anthraciniformis* (Esp.)
 p.49, add:
 v.c.11 - Sparsholt, sev. mines taken each year, but difficult to breed (DHS); Upham, c.; Droxford, c.; East Meon, c. (JRL).
 v.c.12 - Leckford, 20.1.79, a few galls collected, two moths emerged (DHS); Crawley, bred (RAB).
295. *S. (Conopia) myopaeformis* (Borkh.) Red-belted Clearwing
 p.49, add:
 v.c.11 - Botley Wood, 29.vi.76, one on *Hieracium* flowers (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 75).
 v.c.12 - Winchester, 25.vi.76, one (DHS).
296. *S. (Conopia) formicaeformis* (Esp.) Red-tipped Clearwing
 p.50.
297. *S. (Aegeria) culiciformis* (Linn.) Large Red-belted Clearwing
 p.50, add:
 v.c.11 - Crab Wood, 1981, nine bred (RAB); Southsea, 26.vi.76, one in m.v.light trap found at 0800hrs., presumably arrived in very early morning sunshine (JRL).
 v.c.12 - Bartley Heath Reserve, 25.v.88, loc.c. (AHD).
298. *Bembecia scopigera* (Scop.) Six-belted Clearwing
 p.50, add:
 v.c.11 - Near Farley Mount (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315), also singletons there in 1978 & '79 (DHS); Sparsholt, 13.vii.78, three seen between 1230 & 1600hrs. (RAB); Park Gate, 1.vii.73, one swept (RJD); Southsea, 21.vii.74, one amongst *Lotus* near the sea (JRL).
 v.c.12 - South Wonston, 31.vii.77, one on disused railway bank (DHS); Burghclere, 1976 (Appleton, *Proc.Brit.ent.nat. Hist.Soc.* 1977, 10: 2).
299. [*B. muscaeformis* (Esp.)] Thrift Clearwing
 p.51
300. *B. chrysidiformis* (Esp.) Fiery Clearwing
 p.51, add:
 v.c.11 - Haslar neighbourhood, one in 1851 (Barron, *Zool.* 3289). See Chalmers-Hunt, 1983, *Entomologist's Rec.J.Var.* 95: 170).

CHOREUTIDAE

301. *Anthophila fabriciana* (Linn.)
 p.51.
302. *Tebenna bjerkandrella* (Thunb.)
 p.51.
303. *Prochoreutis (Choreutis) sehestediana* (Fabr.)
 = *punctosa* (Haw.)
 p.51, add:
 v.c.11 - Mallard Wood, 6.vi.86, one; Church Place Inc., 22.vii.79, one, 2.ix.80, a few larvae on *Scutellaria* (DHS), July 1982, bred from *Scutellaria*, genitalia checked (JRL); Ampfield, 14.vi.76, one by day (DWHF).
304. *P. (Choreutis) myllerana* (Fabr.)
 p.51, add:
 v.c.11 - Ashurst, larvae v.c. on *Scutellaria galericulata*; Botley Wood, c., larvae on *S.*

minor; *C. punctosa* also bred from Ashurst; Southsea, 27.vii.79, one at m.v.light (JRL). See Goater (1983).

The records given in Goater (1974) remain unconfirmed.

add:

v.c.11 - Church Place Inc., occurs with *P. sehestediana*, few taken on 3.viii.85, genitalia det., also bred; Emer Bog, 30.vii.83, one; Havant Thicket, 9.ix.82 (JRL, DHS).

v.c.12 - Leckford, 16.viii.86, one on a flower head (JRL, DHS). NEW VCR.

NOTE: most early records of this and the previous species are suspect, because the character used to separate them is now known to be unreliable (see Pelham-Clinton in Heath, *et al.*, 1985, MBGBI Vol.2: 394). All records given by Langmaid & Sterling have been confirmed by dissection.

305. *Choreutis (Eutromula) pariana* (Clerck)

p.51, add:

v.c.11 - Portsdown, 9.xi.86, cocoons on *Malus*; Hayling Is., 19.x.85, one in sunshine on yarrow flowers (JRL); Farlington Marsh, larvae Sept. 1986, bred (DHS).

v.c.12 - Newtown Common, 24 & 25.viii.86, many larvae, moths bred (JRL, DHS). NEW VCR.

GLYPHIPTERIGIDAE

306. *Glyphipterix simpliciella* (Steph.)

p.51, add:

v.c.11 - Highcliffe (EHW); Broughton Down, 3.vii.83, c. (JRL, DHS); Teg Down, Winchester, 7.vi.79, c. (DHS); Botley Wood, c.; Portsdown Hill, 12.vi.83, c.; Southsea, c. (JRL).

v.c.12 - Winnall Moors Nature Reserve, Winchester, 14.ii.88, a few larvae (DHS); Armsworth, 1975 (DWHF).

307. *G. schoenicolella* Boyd

p.52.

308. *G. forsterella* (Fabr.)

p.52, add:

v.c.11 - Highcliffe (EHW); Ashurst, June 1985, c.; Emer Bog, 9.vi.84, one; Botley Wood, 3.vi.78, 2.vi.79 (JRL, DHS).

309. *G. haworthana* (Steph.)

p.52, add:

v.c.11 - Denny & Matley Bogs, 1982, bred (DHS); Ampfield, 14.vi.76, one by day (DWHF).

310. *G. fuscoviridella* (Haw.)

p.52, add:

v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 5.vi.85, few; Parnholt Wood, 1.vi.81, three; Emer Bog, 9.vi.84, one (JRL, DHS); Botley Wood, c. (JRL); Winchester, 27.vi.79; Hayling Is., 9.vi.79, two (DHS).

311. *G. thrasonella* (Scop.)

p.53, add:

v.c.10 - Newtown, 25.vii.74 (CCS).

v.c.11 - Highcliffe (EHW); Minstead, 8.vii.74; Cracknore Hard, 1.vii.72 (LWS); Matley Bog, swarms (JRL), common in all boggy areas of the New Forest (DHS); Needs Ore Nature Reserve, 5.vi.85, few; Emer Bog, c.; West Walk, Wickham, 28.vi.86, f.c. at m.v.light (JRL, DHS).

DOUGLASIIDAE

312. *Tinagma (Douglasia) ocnerostomella* (Stt.)
 p.53, add:
 v.c.11 - Portsdown Hill, 1980, many bred from *Echium* (DHS); Southsea, c.; Hayling Is., c., first found in 1974 (JRL). NEW VCR.

YPONOMEUTIDAE

313. *Argyresthia laevigatella* H.-S.
 p.53, add:
 v.c.10 - Parkhurst Forest, 15.v.83 (JRL). NEW VCR.
 v.c.11 - Braishfield, c. (JRL); Sparsholt, 27.iv.79, few larvae in *Larix*; Emer Bog, 23.iv.84, larvae; Winchester, 8.vi.82, one at m.v.light, genitalia det.; Havant Thicket, 14.iv.79, larvae c. (DHS); Upham, 1975 (DWHF); Southsea, 19.vi.81, 8.vi.82 (JRL).
 v.c.12 - Kingshott, c. (JRL).
314. [*A. illuminatella* Zell.]
 p.53.
315. *A. glabratella* (Zell.)
 p.53, add:
 v.c.11 - Sparsholt, 11.ix.81, larvae on *Picea abies*, bred; Winchester, 14.vi.80 (DHS); Botley Wood, 19.vi.83, one; Wickham, f.c.; Havant Thicket, f.c. (JRL).
316. *A. praecocella* Zell.
 v.c.12 - Stockbridge, 4.v.76, one beaten from *Juniperus* by day (DWHF). See Goater (1983).
317. *A. arceuthina* Zell.
 p.53, add:
 v.c.11 - Old Winchester Hill, c.; Southsea, sc. (JRL).
318. *A. abdominalis* Zell.
 p.53, add:
 v.c.12 - Leckford, occurs; Stockbridge, 2.viii.80, sev. beaten from *Juniperus* (JRL, DHS).
319. *A. dilectella* Zell.
 p.54, add:
 v.c.11 - Southsea, f.c. (JRL).
 v.c.12 - Leckford, 15.vii.78, many by day in *Juniperus*; three bred from juniper shoots collected 13.v.79, others in subsequent years (DHS); Stockbridge Down, 7.vii.85, few (JRL, DHS).
320. *A. aurulentella* Stt.
 p.54.
321. *A. ivella* (Haw.)
 p.54, add:
 v.c.11 - Mallard Wood, 3.vii.82, few by day; Winchester, 16.vii.87, one at m.v.light (DHS); Sparsholt, 18.iv.81, larvae f.c. in shoots of *Malus sylvestris*, moths bred (JRL).
 v.c.12 - Leckford, f.c. (JRL), many disturbed from ornamental *Malus*, July, 1981, '82 & '86 (DHS).
322. *A. brockeella* (Hübner.)
 p.54, add:

- v.c.11 - Highcliffe (EHW); Parkhill Inc.; Matley Bog; Sparsholt; bred from *Betula* catkins and *Alnus* (DHS); Botley Wood, c.; Wickham, f.c.; Southsea, 2.viii.74; Havant Thicket, f.c. (JRL).
 v.c.12 - Bartley Heath Reserve, Hook, 1987, sc. (AHD).

Many records in v.c.'s 11 and 12 (DHS).

323. *A. goedartella* (Linn.)

p.54, add:

- v.c.10 - Freshwater, 26.viii.78, c. (DHS). NEW VCR.
 v.c.11 - Highcliffe (EHW); Sparsholt; Emer Bog; Winchester; Botley Wood (DHS); Wickham; Southwick, c.; Southsea, c.; Havant Thicket, c. (JRL).
 v.c.12 - Leckford, c. (DHS); Bramley Frith, 31.viii.91, 3 at m.v.light (AHD).

Many records in v.c.'s 11 and 12 (DHS).

324. *A. pygmaeella* (D.& S.)

p.54, add:

- v.c.11 - Matley Bog, 27.viii.83, sev.; Emer Bog, 9.viii.80, 25.vi.86; Winchester, at m.v.light, two in 1977, 19.vii.78, 12.ix.82, one on each date (DHS); Havant Thicket, c. (JRL)
 v.c.12 - Winnall Moors Nature Reserve, Winchester, 13.viii.88, one at m.v.light (JRL, DHS).

325. *A. sorbiella* (Treits.)

p.55, add:

- v.c.11 - Southsea, 11.vi.89, one at m.v.light (JRL). First record in county since 1939.

326. *A. arcella* (Fabr.)

= *cornella* auctt..

p.55, add:

- v.c.11 - Mallard Wood, 3.vii.82 (DHS); Matley Passage, f.c.; Southsea, 19.vi.83, one at m.v.light (JRL).
 v.c.12 - Leckford, 14.vii.81, one by day (DHS); Woolmer Forest, 19.vi.80 (JRL); Medstead, 2.vii.80 (FHNS). NEW VCR.

327. *A. retinella* Zell.

p.55, add:

- v.c.11 - Highcliffe (EHW); Matley Passage, c. (JRL); Denny; Sparsholt; Emer Bog; Teg Down, Winchester, bred from shoots of *Betula*, and also at m.v.light in garden most years; Botley Wood (DHS); Southwick, c; Southsea, c. (JRL).
 v.c.12 - Harewood Forest; Leckford; Chilbolton, 5.v.80, larvae f.c. (JRL, DHS); Kingsworthy, 18.vii.91, one at m.v.light (AHD).

328. *A. glaucinella* Zell.

p.55, add:

- v.c.11 - Pig Bush, 8.vi.81 (JRL); Mallard Wood, 3.vii.82, one at m.v.light; Church Place Inc., 5.v.85, few larval workings in oak bark; Emer Bog, 5.v.86, larval workings (JRL, DHS); Southwick, larval workings f.c.; Havant Thicket, 21.iv.84 (JRL).
 v.c.12 - Harewood Forest, one bred from oak bark collected 16.iv.88 (DHS). NEW VCR.

329. *A. spinosella* (Stt.)

= *mendica* (Haw.)

p.55, add:

- v.c.11 - Brockenhurst, four bred from *Prunus spinosa* collected 7.v.79; Emer Bog, 8.vii.86, one (DHS); Botley Wood, c. (JRL, DHS); Hayling Is., 7.vi.86, one by day (JRL).
 v.c.12 - Itchen Valley, sc. (DWHF). NEW VCR.

330. *A. conjugella* Zell.
p.55, add:
v.c.11 - Minstead, 1975, two (LWS); Lyndhurst, 4.vi.75, moths c. on foodplant, *Sorbus aucuparia*; Upham (DWHF); West Walk, Wickham, 28.vi.86, c. at m.v.light; Southsea, 1.vii.75, 30.vii.85, 12.viii.86, singletons at m.v.light (JRL).
331. *A. semifusca* (Haw.)
p.55, add:
v.c.11 - Highcliffe (EHW); Minstead, 17.viii.76 (LWS); Sparsholt College, 23.vi.91, two in Rothamsted trap (AHD); Teg Down, Winchester, two in 1977, one in 1978; Winchester, 26-31.viii.78, three, 5.vi.88, one, at m.v.light; downs W. of Stockbridge (DHS); Southsea, 30.viii.74, 20.viii.84, singletons at m.v.light (JRL).
332. *A. pruniella* (Clerck)
p.55, add:
v.c.10 - Yarmouth, 17.vi.73; Sandown, 15.vi.73 (RJD).
v.c.11 - Highcliffe (EHW); Holmhill, 25.vii.79, a few; Winchester, some at m.v.light most years (DHS), 26.vii.84 (WCNHS); Sparsholt, c.; Southsea, c. (JRL); Hayling Is., c. (JMW, 1986).
v.c.12 - Leckford, c. (JRL); Armsworth, 1975 (DWHF).
333. *A. bonnetella* (Linn.)
= *curvella* (Linn.)
p.56, add:
v.c.10 - Tennyson Down, 4.viii.87, sev.; Brading Down, 5.viii.87, one (JRL, ECP-C).
v.c.11 - Church Place Inc., 22.vii.79, two; Sparsholt, 1977; Dean, nr. Winchester, 21.vii.79, six; Teg Down, c. (DHS); Botley Wood, c.; Droxford, c.; Portsmouth, c. (JRL); Oxenbourne Down, c. (RJD).
334. *A. albistria* (Haw.)
p.56, add:
v.c.10 - Tennyson Down, 6.viii.87, one by day; Ventnor, 2.viii.87, two at m.v.light (JRL, ECP-C).
v.c.11 - Hollands Wood (RJD); Brockenhurst, 1979, bred from *Prunus spinosa*; Sparsholt, 1977; Emer Bog, 23.vii.86, few by day; Dean, nr. Winchester, 1979 (DHS); Curbridge; Oxenbourne Down (RJD); Botley Wood, c.; Portsmouth, f.c.; Southsea, sc. (JRL).
335. *A. semitestacella* (Curt.)
p.56, add:
v.c.11 - Church Place Inc., 2.ix.80, one; Sparsholt, 1977, one and 26.viii.84, sev. by day; Winchester, 10.viii.79, one at m.v.light (DHS), 17.ix.84 (WCNHS).
336. *Yponomeuta evonymella* (Linn.)
p.56, add:
v.c.10 - Shanklin, 25.vii.82, 28.viii.83; Queen Bower, 6.viii.83; Kings Manor, 12.viii.83 (JMC). NEW VCR.
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 14.vii.82, few; Winchester, few at m.v.light most years (DHS); Sparsholt College, 1987 (AHD); Southsea, sc. (JRL).
v.c.12 - Leckford, 7.viii.81 (JRL), singletons in 1986, '87 and '88 (DHS).
337. *Y. padella* (Linn.)
p.56, add:
v.c.10 - Ventnor, Aug.1987, f.c. at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Minstead, 1972 (LWS); Sparsholt, 1977; Emer Bog, 30.vii.83; Winchester (DHS); Southsea, c. (JRL); Hayling Is., c. (JMW, 1986).
v.c.12 - Stockbridge, 7.vii.85, many larvae (JRL, DHS); Armsworth, 1975 (DWHF); Oakley, 1983, two at m.v.light; Overton, few; Bramley, 1979, f.c. (AHD).

338. *Y. cagnagella* (Hübner.)
 p.57, add:
 v.c.10 - Shanklin, 1980, 1984; Brook, 1980 (JMC).
 v.c.11 - Needs Ore Nature Reserve, 14.vii.82, few; Matley Bog, 11.viii.79, few; Sparsholt, 1977, many bred from *Euonymus europaea* (DHS); Portsdown, v.c.; Southsea, v.c. (JRL).
 v.c.12 - Harewood Forest, c.; Winnall Moors Nature Reserve, 13.viii.88, one at m.v.light (DHS); Overton, moths and larvae (AHD).
339. *Y. rorrella* (Hübner.)
 p.57, add:
 v.c.11 - Emer Bog, 30.vii.83, one at m.v.light (JRL).
 NEW VCR and only the second record for the county. In 1989, there was a population explosion of this species in England, and moths were recorded in v.c.11 from Winchester, 1.viii.89 (1) & 6.viii.89 (2), at m.v.light (DHS); Southsea, 24.vii.89 (2), 25.vii.89 (1), 17 & 19.vii.90, 29.vii.91, singletons, at m.v.light (JRL).
 v.c.12 - Winnall Moors Nature Reserve, 5.viii.89, two at m.v.light (JRL, DHS); Bramley Frith Wood, 18.vii.89, sc. at m.v.light (AHD).
340. *Y. irrorella* (Hübner.)
 p.57, add:
 v.c.11 - Highcliffe (EHW). NEW VCR.
341. *Y. plumbella* (D. & S.)
 p.57, add:
 v.c.11 - Highcliffe (EHW); Ladycross, 1.ix.79, few; Sparsholt, 1977, f.c.; Winchester, 1.viii.83, 17.viii.85, singletons, and Aug.1986, '87 and '88, a few (DHS); Southsea, 16.viii.87, one at m.v.light (JRL).
 v.c.12 - South Wonston, 1977, f.c.; Abbotstone Down, 20.vi.82, larvae, one moth bred (DHS).
342. *Y. sedella* (Retz.)
 = *vigintipunctata* (Retz.)
 p.57, add:
 v.c.11 - Minstead, 1972 (LWS); Emer Bog, 30.vii.83, few at m.v.light; Winchester, 22.vii.82, 17.vii.83, few both years at m.v.light, but not seen since (DHS); Southsea, 27.vii.76, 30.vii.83, 19.viii.84 & 25.vii.85 (JRL).
343. *Zelleria hepariella* Stt.
 p.57, add:
 v.c.11 - Hollands Wood, 20.iv.76, one at m.v.light (DWHF, BG); Winchester, singletons most years, April and July-August, at m.v.light (DHS); West Walk, Wickham, 24.1.87, one beaten from yew; Southsea, 26.viii.81, 28.vii.84, 15.viii.88, at m.v.light (JRL).
 v.c.12 - Leckford, 10.ix.79, one (DHS); Noar Hill, 26.vii.76, three or more flying round an oak bush (Dickson, 1977, *Entomologist's Rec. J. Var.* 89: 75).
344. *Pseudoswammerdamia combinella* (Hübner.)
 p.57, add:
 v.c.11 - Minstead, 1971, '73 & '75 (LWS); Sparsholt, 28.v.78; Emer Bog, 9.vi.84, two & 22.vi.85, one; Winchester, 20.vi.81, 17.vi.84, singletons at m.v.light; Southwick, 23.vii.84, one (DHS); Botley Wood, sc.; Wickham, 8.v.76 (JRL).
345. *Swammerdamia caesiella* (Hübner.)
 p.58, add:
 v.c.11 - Minstead, 1972, two (LWS); Mallard Wood; Ashurst; Parnholt Wood; Braishfield, c.; Sparsholt; Emer Bog, c.; Ampfield; Botley Wood, c.; Southsea, c.; Havant Thicket, c., larva on *Betula*, 21.x.74 (JRL, DHS).

- v.c.12 - Leckford, 2.ix.74, larva on *Betula* (DHS); Shroner Wood (JRL, DHS); Bramley Frith, 9.v.91, f.c. (AHD).
346. *S. pyrella* (Vill.)
p.58, add:
v.c.10 - Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Minstead, 1972 (LWS); Sparsholt, 15.x.85, two larvae; Winchester, at m.v.light every year; Dean, 21.vii.79, two (DHS); Portsdown, c.; Southsea, c.; Havant Thicket, f.c.; Hayling Is., 19.x.85, few larvae on *Malus* and *Prunus domestica* (JRL, DHS), 1986, a few at m.v.light, det. JRL (JMW).
v.c.12 - Stockbridge, 2.viii.81 (DHS); Leckford, bred from *Malus* and *Crataegus* (DWHF).
347. *S. compunctella* (H.-S.)

v.c.11 - Emery Down, 19.vi.71, det. J. Kyrki (DJLA). See Goater (1983), in which the late J. Kyrki's name is mis-spelt Kyski.
348. *Paraswammerdamia albicapitella* (Scharf.)
= *spiniella* (Hübner.)
p.58, add:
v.c.11 - Soberton, 24.vii.81, one; Southsea, 25.vi.76, 3.vii.85, singletons at m.v.light (JRL).
349. *P. lutarea* (Haw.)
p.58, add:
v.c.11 - Sparsholt, 17.vii.78: Emer Bog, 8.vii.76, larvae, moths bred; Winchester, few at m.v.light each year; Teg Down, larvae on *Crataegus* (DHS); Southsea, c. (JRL); Little Butser Hill, 1977, larvae c. on *Crataegus*, bred (AHD); Oxenbourne Down, sev., genitalia checked (RJD).
v.c.12 - Leckford, 9.viii.84, 14.vii.85, 16.vii.86, 16.vii.87 (JRL, DHS).
350. *Cedestis gysseleniella* Zell.
p.58, add:
v.c.11 - Catisfield, 13.vii.72, one at m.v.light (RJD); Ampfield, 14.vii.79; Southsea, 8.vii.77; Havant Thicket, 1975, one bred from *Pinus* (JRL).
v.c.12 - Woolmer Forest, 19.vi.80 (JRL).
351. *C. subfasciella* (Steph.)
p.59, add:
v.c.11 - Emer Bog, 12.vi.87, one; Winchester, singletons at m.v.light most years; Havant Thicket, three bred from spinings in *Pinus* collected 14.iv.79 (DHS), c.; Botley Wood, 14.iv.84, few larvae in needles of *P. contorta* (JRL).
352. *Ocnerostoma piniariella* Zell.
p.59, add:
v.c.11 - Emer Bog, 12.vi.87, one (DHS); Southsea, 4 & 10.vii.85, singletons at m.v.light; Havant Thicket, c. (JRL).
v.c.12 - Bramshill Common, spinings collected 8.iv.85 produced one moth (DHS); Woolmer Forest, c. (JRL).
353. *O. friesei* Svens.
p.59, add:
v.c.11 - Holmesley, 20.iv.76, sev. beaten from *Pinus sylvestris* (DWHF); Church Place Inc., spinings collected 6.iv.85 produced several moths; Winchester, 5.v.85, one at m.v.light (DHS); Botley Wood, 4.iv.83, larvae and pupae in shoots of *P. contorta*; Southsea, 31.vii.84, one at m.v.light (JRL).
v.c.12 - Itchen Valley, 19.iii.76, larvae c. in *P. sylvestris* bred (DWHF).

354. *Roeslerstammia erxlebella* (Fabr.)
 p.59, add:
 v.c.10 - Ventnor, 2.viii.87, about 100 at m.v.light (JRL, ECP-C). NEW VCR.
 v.c.11 - Highcliffe (EHW); Minstead, 1972 (LWS); Parnholt Wood, one larva on *Betula*, bred; Emer Bog, 24.v.78, two; Winchester, 31.vii.85, one at m.v.light (DHS).
 v.c.12 - Longmoor, 19.vi.80 (JRL); Oakley, 14.viii.83, one at m.v.light, det. J.D. Bradley (AHD). NEW VCR.
355. *Prays fraxinella* (Bjerk.)
 p.59, add:
 v.c.11 - Highcliffe (EHW); Sparsholt; Ampfield; Winchester (DHS); Catisfield, f.c. (RJD); Locks Heath, c.; Botley Wood, c.; Southsea, f.c.; Petersfield, c.; Havant Thicket, c. (JRL).

 Many records from v.c.'s 11 & 12 (DHS).
356. *Scythropia crataegella* (Linn.)
 p.59, add:
 v.c.11 - Highcliffe (EHW); Pig Bush, larvae in multiple mines in leaves of *Malus sylvestris*, Sept. 1980; Minstead, 1971 (LWS); Romsey, 1972-78, larvae v.c. in webs in *Cotoneaster* (AHD); Farley Mount, 11.vii.81, few at m.v.light; Winchester, 29.vi.78, one at m.v.light, others in subsequent years; Botley Wood, larval nest 2.vi.79, many bred (DHS); Southsea, f.c. (JRL); Hayling Is., 2.vii.86, one at m.v.light (JMW).
 v.c.12 - Oakley, June 1984, f.c. at m.v.light (AHD).
357. *Ypsolopha mucronella* (Scop.)
 p.60, add:
 v.c.11 - Minstead, 1971 (LWS); Sparsholt, c. (JRL); Winchester, one or two most years at m.v.light (DHS), March 1984 (WCNHS).
358. *Y. nemorella* (Linn.)
 p.60, add:
 v.c.11 - New Forest, singletons in several localities (DHS); Minstead, 1974 & '75 (LWS); Sparsholt, 14.viii.78, two; Winchester, 1977 & '78, at m.v.light (DHS); Botley Wood, f.c.; Wickham, f.c. (JRL); Wickham Common, 29.iv.73, larva on *Lonicera* (RJD).
 v.c.12 - Bramley Frith Wood, 8.vii.89, one at Heath trap (AHD).
359. *Y. dentella* (Fabr.)
 p.60, add:
 v.c.10 - Freshwater, 20.viii.73 (CCS); Ventnor, 4.viii.87, one at m.v.light (JRL, ECP-C).
 v.c.11 - Highcliffe (EHW); Church Place Inc., 22.vii.79, sev.; Ladycross, 31.viii.79; Winchester, few each year (DHS); Sparsholt College, 1987, two at m.v.light (AHD); Emery Down, 1978; Southsea, c. (JRL); Hayling Is. (JW).
360. *Y. scabrella* (Linn.)
 p.60, add:
 v.c.10 - Wood S. of Yarmouth, 26.vii.74 (CCS).
 v.c.11 - Minstead, f.c. (LWS); Matley Bog, 11.viii.79, few; Ladycross, 31.viii.79, one; Winchester, 1977-'86, singles at m.v.light; Botley Wood, 26.viii.78 (DHS); Sparsholt, 29.viii.84 (WCNHS); Southsea, 6.viii.74, 27.viii.81, 20 & 21.viii.84 (JRL); Little Butser Hill, 1976-'77, f.c. (AHD); Oxenbourne Down, 31.viii.73 (RJD).
 v.c.12 - Harewood Forest, 28.viii.79, one; Leckford, 18.viii.88, one at m.v.light (DHS); Overton, 1981, 40 in Rothamsted trap; Bramley, 1979, f.c. Bartley Heath Reserve, Hook, 1987, sc. (AHD); Medstead, 31.vii.79 (FHNS).

361. *Y. horridella* (Treits.)
p.61, add:
v.c.11 - Emery Down, 1978 (JEC); Mallard Wood, one bred from spinning in *Malus sylvestris* coll. 5.vi.85; Winchester, four in 1977, 3.ix.78, 11.viii.80 (DHS).
v.c.12 - Leckford, 7.viii.78 (DHS); Armsworth, 1975 (DWHF).
362. *Y. lucella* (Fabr.)
p.61.
363. *Y. alpella* (D. & S.)
p.61, add:
v.c.11 - Highcliffe (EHW); Church Place Inc., 22.vii.79 (DHS); Sparsholt College, 1987, at m.v.light (AHD); Pig Bush, 19.ix.80; Southsea, 25.viii. & 3.ix.80, and regularly in small numbers since (JRL).
v.c.12 - Abbotstone Down, 3.ix.79 (FHNS).
364. *Y. sylvella* (Linn.)
p.61, add:
v.c.11 - Highcliffe (EHW); Parnholt Wood, 17.viii.80, few; Sparsholt, 1977 (DHS); Browndown, 13.viii.83, one (JRL).
v.c.12 - Harewood Forest, c. (JRL, DHS); Oakley, 6.viii.84, one at m.v.light (AHD).
365. *Y. parenthesella* (Linn.)
p.61, add:
v.c.11 - Highcliffe (EHW); Minstead, f.c. (LWS); Denny; Sparsholt; Winchester (DHS); Emer Bog; Botley Wood, c. (JRL).
v.c.12 - Harewood Forest, c. (JRL); Bramley, 1979; Oakley, 15.vii.79 (AHD).

Many records from v.c.'s 11 and 12 (DHS).
366. *Y. ustella* (Clerck)
p.62, add:
v.c.10 - Newtown, 25.vii.74 (CCS).
v.c.11 - Emery Down, 1978 (JEC); Beaulieu, c. (JRL); Denny Wood; Matley Bog; Sparsholt, 2.i.78, many hibernating in old birds' nests Emer Bog, c.; Winchester, 10.xi.88, one at m.v.light (DHS); Wickham, c.; Southsea, c. (JRL); Havant Thicket (DHS).
v.c.12 - Harewood Forest, c. (DHS); Leckford, 1975, larvae f.c. on *Quercus*, bred (DWHF); Bramley, 1977, four (AHD).
367. *Y. sequella* (Clerck)
p.62, add:
v.c.11 - Sparsholt College, 1987, two at m.v.light (AHD); Winchester, 1977-'88, sev. each year; Hen Wood, East Meon, 27.vii.88, one (DHS); Droxford, sc. (JRL); Widley, nr. Portsmouth, 26 & 31.viii and 3.ix.84 (PMP).
v.c.12 - Armsworth, 1975 (DWHF); Overton, 1980, two in a Rothamsted trap (AHD).
368. *Y. vittella* (Linn.)
p.62, add:
v.c.11 - Highcliffe (EHW); Winchester, 1977, one (DHS); Southsea, sc. (JRL).
369. *Plutella xylostella* (Linn.)
p.62, add:
v.c.11 - Winchester, less common from 1985 to '88, but abdt. all previous years (DHS).
370. *P. porrectella* (Linn.)
p.63, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 1981, sev., 1982, few (JRL); Winchester, 1977-

- 88, few each year at m.v.light (DHS); Oxenbourne Down, 24.vii.73, one at dusk (RJD). NEW VCR.
v.c.12 - Leckford, 4.viii.81, two (DHS).
371. [*Rhigognostis annulatella* (Curt.)]
p.63.
372. *Eidophasia messingiella* (F.v.R.)
p.63.
373. *Orthotaelia sparganella* (Thunb.)
p.63, add:
v.c.11 - Denny Bog, 11.viii.79, f.c. by day (BG, DHS).
374. *Digitivalva pulicariae* (Klim.)
p.63, add:
v.c.10 - Compton Bay, 30.vii.74 (CCS); Parkhurst Forest, 17.v.90, West High Down, 21.v.90, few mines in each locality, moths bred (DHS); Ventnor, 3.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Beaulieu, 23.vi.90, many empty mines (JRL, DHS); Winchester, 12.v.91, one at m.v.light (DHS).
375. *Acrolepiopsis assectella* (Zell.)
p.63, add:
v.c.11 - Southsea, regularly at m.v.light in July, August and early September, less so in April and May (JRL).
376. *A. marcidella* (Curt.)

v.c.11 - West Walk, Wickham, 28.vi.86, one at m.v.light (Langmaid & Parsons, 1987, *Entomologist's Gaz.* 38: 123). see also Brown, 1981, *Entomologist's Rec.J.Var.* 93: 205-206. NEW COUNTY RECORD.
377. *Acrolepia autumnitella* (Curt.)
= *pygmeana* (Haw.)
p.64, add:
v.c.10 - Bonchurch, Steephill Cove, 1980, larvae v.c. (EHW); Ventnor, 7.viii.87, one by day (JRL, ECP-C); St. Helens (JRL).
v.c.11 - Emer Bog, 17.ix.86 & 29.viii.87, sev. larvae ; Hilsea, 27.ix.79, larvae, eight moths bred (DHS); Portsmouth, c.; Southsea, f.c.; Hayling Is., 19.x.85, larvae f.c. (JRL). NEW VCR.
v.c.12 - Leckford, larvae c. on *Solanum* (DHS).

EPERMENIIDAE

378. *Phaulernis dentella* (Zell.)

v.c.11 - One specimen in Leicester Museum ex coll. A. Smith, labelled, Southampton, *e.l.* 10.vi.36, W. Fassnidge (comm. AME). See Goater (1983).
379. *P. fulviguttella* (Zell.)
p.64, add:
v.c.11 - Emer Bog, 6.viii.87, sev. by day (DHS).
v.c.12 - Leckford, 28.viii.79, two, and 10.ix.79, one; larvae obtained in heads of *Angelica*, 6.x.79 (DHS), v.c. (JRL). NEW VCR.
380. *Cataplectica profugella* (Stt.)
p.64, add:
v.c.11 - Teg Down, Winchester, 1.x.79, numbers of larvae in seed-heads of *Pimpinella saxifraga* (DHS). NEW VCR.

381. *Epermenia illigerella* (Hübner.)
p.64, add:
v.c.11 - Botley Wood, f.c. (JRL).
v.c.12 - Leckford, 19.viii.78, two, 23.viii.78, 10.ix.79, 31.viii.81 (DHS).
382. *E. insecurella* (Stt.)
p.64.
383. *E. chaerophyllella* (Goeze)
p.64, add:
v.c.11 - Sparsholt, one larva, moth em. 9.x.79, 16.viii.86, few larvae; Winchester, 8.vii.87, one at m.v.light; Botley Wood, 24.viii.86, few larvae (DHS); Sober-ton, 7.ix.86, larvae c. on *Torilis* and *Heracleum*; West Walk, Wickham, same date, larvae c. on *Heracleum* and *Angelica*; Portsdown Hill, 20.ix.86, few larvae; Portsmouth, c. (JRL).
v.c.12 - Leckford, 16.iv.83, one; 16.viii.86, a few; 30.v.88, many larvae on *Angelica*; Chilbolton Down, 4.ix.82, larvae (JRL, DHS).
384. *E. aequidentellus* (Hofm.)
p.64.

SCHRECKENSTEINIIDAE

385. *Schreckensteinia festaliella* (Hübner.)
p.65, add:
v.c.10 - Brighstone Down, 17.v.86, one (JRL).
v.c.11 - Parnholt Wood, 15.v.79; Sparsholt, sev.; Ampfield, 24.vii.78; Teg Down, Winchester, 1.vii.85; Dean, nr. Winchester, 21.vii.79 (DHS); Botley Wood, f.c. (JRL).

COLEOPHORIDAE

386. *Augasma aeratella* Zell.
p.65.
387. *Metriotes lutarea* (Haw.)
p.65, add:
v.c.11 - Emer Bog, 24.v.86, one (DHS); Southwick, loc.c. (JRL), 11.v.76, sev. by day on *Stellaria holostea* (DWHF); Hayling Is., 7.vi.86, a few (JRL).
388. *Goniodoma limoniella* (Stt.)
p.65, add:
v.c.10 - Yarmouth, Sept. 1980, cases c. (EHW).
v.c.11 - Bursledon, 9.iv.82, *Limonium* stems produced a few; Southsea, f.c. (JRL).
389. *Coleophora lutipennella* (Zell.)
p.65, add:
v.c.11 - Hollands Wood, 1973; Curbridge (RJD); Winchester, 18.vii.82, 13 & 20.vii.83, and 28.vii.88, all genitalia det. (DHS); Botley Wood, c.; Wickham, 28.vii.84, few at m.v.light; Portsmouth, c.; Southsea, 16.vii.84, one at m.v.light; cases on *Quercus*; all moths genitalia det. (JRL).
v.c.12 - Leckford, 26.vii.86, few at m.v.light, genitalia det.; Winnall Moors Nature Reserve, 22.vii.83, one at actinic trap, genitalia det. (DHS); Bartley Heath Reserve, Hook, 1988, sc. (AHD).
390. *C. gryphipennella* (Hübner.)
p.65, add:
v.c.10 - Tennyson Down, 4.viii.87, larval feedings on *Rosa* (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Sparsholt; East Meon, cases f.c. (DHS); Bishops Waltham, c.; Botley Wood, c.; Wickham, f.c.; Droxford, f.c.; Curdrige, f.c. (JRL);

391. *C. flavipennella* (Dup.)

p.66, add:

- v.c.11 - New Forest, found in various places; Sparsholt, sev.; Emer Bog, sev.; Winchester, 1983-'88, few; all genitalia det. (DHS); Botley Wood, c.; Southwick, 28.vii.84, two; Wickham, 28.vii.84, c. at m.v.light; Portsmouth, c.; Havant Thicket, c.; all moths genitalia det. (JRL).
- v.c.12 - Harewood Forest, 1.viii.81, two, 20.vi.82, one; Leckford, 12 & 14.vii.81, single larvae, bred; genitalia of all moths checked (DHS); Fullerton, 2.vi.75 (DWHF). Cases on *Quercus*.

392. *C. serratella* (Linn.)

p.66, add:

- v.c.10 - St. Helens, 5.viii.87, old cases on *Ulmus procera* (JRL, ECP-C).
- v.c.11 - Highcliffe (EHW); Sparsholt (WCNHS); Botley Wood, c.; East Meon, c.; Portsmouth, c., cases on *Sorbus aria*; Havant, c.; Havant Thicket, c., cases on *Betula*, *Ulmus* and *Alnus* (JRL); Browndown, 27.vii.79 (DHS).
- v.c.12 - Harewood Forest, 27.v.79, larvae on *Betula* (DHS); Leckford, 1974, bred from *Ulmus* (DWHF); Newtown Common, 15.x.88, a few cases (DHS).

Many records from v.c.'s 11 and 12 (DHS).

393. *C. coracipennella* (Hübner.)

p.66, add:

- v.c.11 - Botley Wood, cases c. on *Prunus spinosa*, moths bred; Portsmouth, sc., cases on *P. domestica*, moths bred; genitalia of specimens from both localities checked (JRL). See Goater (1983).

add:

- v.c.11 - Sparsholt, 27.v.83, two cases, moths bred; Winchester, 10.vii.87, one at m.v.light; Botley Wood, 12.vi.83 & 2.vi.85, single cases, moths bred; all genitalia checked (DHS); Soberton, 13.vii.85, one; Southsea, 20.vii.84, 8.vii.85, singletons at m.v.light; Hayling Is., 7.vi.86, cases on *Prunus spinosa*, moth bred by ECP-C; all genitalia checked (JRL).

394. *C. spinella* Schr.

= *cerasivorella* Packard

p.66, add:

- v.c.11 - Botley Wood, v.c.; Portsmouth, v.c.; Southsea, c.; genitalia checked from all localities; cases on *Crataegus* and *Malus* but not *Prunus* (JRL). See Goater (1983).

add:

- v.c.10 - Brading Down, 5.viii.87, one case and larval feedings on *Crataegus* (JRL, ECP-C).
- v.c.11 - Broughton Down, 3.vii.83, one case, moth bred; Botley Wood, 7.v.84, 2.vi.85, cases, moths bred; Browndown, one moth bred from a case collected on *Malus*, 7.v.91; Portsmouth, 25.vii.81, two cases one moth bred; genitalia det.; Farlington Marsh, 27.viii.87, few empty cases on *Crataegus* (JRL, DHS).
- v.c.12 - Leckford, 16.x.86, one case (DHS). NEW VCR.

395. *C. prunifoliae* Doets

- v.c.11 - Botley Wood, one case on *Prunus spinosa*, 17.v.77, moth emerged on 26.vi.77 and identified when genitalia checked, 1982; another bred 1977 from *Salix atrocinerea*, det. RWJU; Portsmouth, cases sc. on *Prunus spinosa* (JRL). Browndown, two moths emerged from cases collected on *Malus domestica*, 7.v.90, along with one *C. spinella* (genit.checked). The cases of the two species showed no obvious differences (Langmaid, 1991, *Entomologist's Gaz.*

add:

v.c.11 - Hayling Is., 7.vi.86, cases on *Prunus spinosa*, moths bred by ECP-C (JRL).

396. *C. milvipennis* Zell.

p.66, add:

v.c.11 - Emer Bog, 27.ix.82, few larvae, many in 1984 & '86, only a few in 1987; Ampfield, 28.ix.85, one case (DHS); Havant Thicket, c., cases on *Betula* (JRL).
NEW VCR.

v.c.12 - Newtown Common, 15.x.88, a few cases on *Betula* (DHS).

397. *C. badiipennella* (Dup.)

p.66, add:

v.c.11 - Highcliffe (EHW); Portsmouth, v.loc., cases on *Ulmus procera*, moths bred (JRL); Hayling Is., 2.vi.84, loc.c. (DHS).

398. *C. adjectella* H.-S.

v.c.10 - Newton Ranges, 18.ix.77, one case on *Prunus spinosa* (Emmet, 1980, *Entomologist's Rec.J.Var.* 92: 132-133). This record is included in a lengthy article on the *C. milvipennis* group. See Goater (1983).

399. *C. alnifoliae* Bar.

p.67.

400. *C. limosipennella* (Dup.)

p.67, add:

v.c.11 - Portsmouth, v.loc.f.c. on *Ulmus* spp.; Southsea, 26.v.81, one larva on *Ulmus*; Horsea Is., 27.x.85, sev. cases on *U. procera* (JRL).

v.c.12 - Leckford, 9.viii.84, three cases, 2.x.85, four cases; Newtown Common, Oct. 1985 & '86, sev. cases (JRL, DHS). NEW VCR.

401. *C. siccifolia* Stt.

p.67, add:

v.c.11 - Droxford, v.loc.f.c., cases on *Crataegus*, 9.vii.78, moths bred; Botley Wood, 27.v.90, one case on *Crataegus* (JRL).

402. *C. trigeminella* Fuchs

v.c.11 - Botley Wood, 17.vii.77, one case on *Malus sylvestris*, moth bred (JRL). See Goater (1983).

add:

v.c.11 - Winchester, 6.vii.87, one at m.v.light, genitalia det. (DHS).

403. *C. fuscocuprella* H.-S.

v.c.11 - Havant Thicket, x.79, sev. cases on *Betula*, moths em. v.80 (Langmaid, 1980, *Entomologist's Rec.J.Var.* 92: 260). See Goater (1983).

add:

v.c.11 - Sparsholt, 14.x.84, four cases on *Corylus*; Emer Bog, 1984 - '86, cases f.c. on *Betula*; Botley Wood, 10.ix.81, one case (JRL, DHS).

404. *C. viminetella* Zell.

p.67, add:

v.c.11 - Matley Bog and Beaulieu, cases c. on *Myrica* (JRL); Mallard Wood, 3.vii.82, empty cases on *Myrica*; Sparsholt; Emer Bog (DHS); Botley Wood, c., cases on *Salix*; Havant Thicket, c., cases on *Salix* (JRL).

v.c.12 - Leckford, 24.iv.79, cases on *Salix*, moths em. from 8.viii.79; 30.v.88, one case on *S. alba* (DHS).

405. *C. violacea* Ström
= *hornigi* Toll
p.67, add:
v.c.11 - Sparsholt, 18.x.86, one case on *Corylus*; Emer Bog, 18.x.86, one case on *Alnus*; Botley Wood, 26.viii.85, two cases on *Betula*; Havant Thicket, cases on *Betula* in autumn rather sc., and outnumbered by those of *C. potentillae* on the same foodplant (JRL, DHS).
v.c.12 - Newtown Common, 15.x.88, one case on *Betula* (DHS).
406. *C. juncicolella* Stt.
p.67, add:
v.c.11 - Highcliffe (EHW); Matley Bog, cases swept; Lyndhurst, c.; Emer Bog, 5.iv.81, one case, moth bred (DHS); Wickham Common, c.; cases on *Calluna*, difficult to breed (JRL).
407. *C. orbitella* Zell.

v.c.12 - Itchen Valley, 21.vi.75, one flying in early morning sunshine (DWHF). See Goater (1983).
add:
v.c.11 - Botley Wood, 10.ix.87, one case on *Betula*, moth bred (JRL, DHS); Wickham, 10.vii.91, one at m.v.light, genit. checked (JRL); Havant Thicket, two bred from cases collected 19.x.81, genitalia det. (DHS). NEW VCR.
v.c.12 - Newtown Common, 15 & 16.x.88, four cases on *Betula* (DHS).
408. *C. binderella* (Koll.)
p.68, add:
v.c.11 - Sparsholt, larvae; Winchester, 27.vii.81, genitalia det. (DHS); Droxford, cases loc. on *Corylus*; Curdridge, cases on *Alnus glutinosa*; Southwick, 28.vii.84, cases on *Corylus*; Havant, cases loc.c. on *Alnus incana* (JRL).
409. *C. potentillae* Elisha
p.68, add:
v.c.11 - Emer Bog, 27.ix.82, sev. larvae (DHS); Botley Wood; Havant Thicket; cases c. on *Potentilla erecta*, and on *Rubus fruticosus* agg., *Betula* and *Salix* seedlings where they grow amongst the *Potentilla* (JRL).
v.c.12 - Leckford, 17.ix.87, a few cases found on *Filipendula vulgaris* (JRL, DHS).
410. *C. ahenella* Hein.
p.68, add:
v.c.11 - Sparsholt, 14.x.84, one case on *Rhamnus* (DHS); Droxford, cases f.c. on *Rhamnus* in 1977, none since (JRL).
v.c.12 - Leckford, larvae on *R. catharticus*, moths bred (DWHF), cases seen each year; Chilbolton, 1982, sev. larvae (DHS).
411. *C. albitarsella* Zell.
p.68, add:
v.c.11 - Sparsholt, 2.ix.82, one larva on *Origanum*; Winchester, 10.vii.86, one at m.v.light (DHS); Droxford, sc.; East Meon, 1.vi.85, one case; Stephens Castle Down, cases v.loc. on *Glechoma*, moths bred; Southsea, 19.vii.86, one at m.v.light (JRL).
v.c.12 - Harewood Forest; 30.iii.85, one case; Leckford, 18 & 21.iv.85, cases on *Glechoma*; Chilbolton Down, 23.x.82, sev. larvae (DHS).
412. *C. trifolii* (Curt.)
p.68, add:
v.c.11 - Minstead, 1972-'75 (LWS); Sparsholt, 23.vii.84, one at m.v.light; Winchester, few most years (DHS); Emery Down, 19.vii.79, one at m.v.light; Botley Wood, 10.ix.87, one old case; Wickham, 19.vii.75, one at m.v.light; Portsmouth, f.c.; Southsea, f.c.; cases on *Melilotus officinalis* (JRL).

- v.c.12 - Oakley, 18.vi.83, one at m.v.light, det. J.D. Bradley (AHD).
413. *C. frischella* (Linn.)
- v.c.11 - Southampton, 26.vii.67 (DWHF), f.c. (DJLA); Bursledon, 7.viii.75; Southsea, f.c., genitalia checked; Farlington, 15.vii.78 (JRL).
- v.c.12 - Itchen Valley, at m.v.light, 22.v.64, 4.vi.68, 5.vi.68, 21.v.71, 11.ix.75 (DWHF); Overton, 15.vii.81, det. J.D. Bradley (AHD). Confirmation of *C. frischella* as a British species, see Ffennell, 1976, *Entomologist's Gaz.* 27: 145-147. See Goater (1983).
- add:
- v.c.11 - Winchester, few at m.v.light, 1983-'86 (DHS); Bursledon, 7.viii.75, one; Southsea, regularly in small numbers at m.v.light between May and August; Farlington Marsh, 15.vii.78, one (JRL); Hayling Is., 10.viii.86, one at m.v.light (JMW).
- v.c.12 - Leckford, 29.vi.86, one (DHS).
414. *C. mayrella* (Hübner.)
= *spissicornis* (Haw.)
p.69, add:
- v.c.11 - Highcliffe (EHW); Minstead, 1974 & '75 (LWS); Holmhill, 10.vii.85, one at m.v.light; Ashurst, 3.viii.85, one by day, genitalia det.; Winchester, 1984-'86, few at m.v.light (DHS); Southsea, 11.vii.84, 16.vii.85, singletons at m.v.light (JRL); Oxenbourne Down, 22.vi.73 (RJD).
415. *C. deauratella* Lien.& Zell.
p.69, add:
- The records for v.c.'s 10 and 11 given in Goater (1974) should be placed in square brackets.
- v.c.11 - Highcliffe (EHW); Sparsholt, 25.vii.81, two; Winchester, at m.v.light in 1977, '78, '83 & '86-'88; Teg Down, Winchester, 13.vii.80 (DHS); West Walk, Wickham, 28.vi.86, one at m.v.light (JRL).
- v.c.12 - Leckford, 30.viii.72; Itchen Valley, 12.vii.64 (not f.c., as stated in Goater (1974)); Hook, 15.vi.76, one by day (DWHF); Leckford, 29.vi.86, one at m.v.light (DHS).
416. *C. conyzae* Zell.
p.69, add:
- v.c.11 - Winchester, 16.vii - 1.viii.86, three, all genitalia det. (DHS); Botley Wood, f.c.; Portsmouth, v.loc.f.c.; cases on *Pulicaria* (JRL); Farlington Marsh, 29.v.88, two cases on *Pulicaria* (JRL, DHS).
417. *C. lineolea* (Haw.)
p.69, add:
- v.c.10 - Ventnor, Aug.1987, f.c. at m.v.light (JRL, ECP-C).
- v.c.11 - Highcliffe (EHW); Holmhill, 10.vii.85, one at m.v.light; Chappets Copse, 26.vi.86, larvae on *Stachys sylvatica*, moths bred; Winchester, 1981 and subsequent years, few at m.v.light, genitalia det. (DHS); Catisfield, July, 1973, cases on *Stachys sylvatica* (RJD); Southsea, c., cases on *Ballota nigra* (JRL); Sinah Common, Hayling Is., female at m.v.light, 5.viii.72 (RJD).
- v.c.12 - Winnall Moors Nature Reserve, 25.vii.87, one at m.v.light (DHS).
418. *C. hemerobiella* (Scop.)
p.69.
419. *C. lithargyrinella* Zell.
p.69.

420. *C. solitariella* Zell.
p.69, add:
v.c.11 - Braishfield, 16.iv.81, five cases on *Stellaria holostea*, moths bred (DHS); Hayling Is., 7.vi.86, a few cases (JRL).
421. *C. laricella* (Hübner.)
p.69, add:
v.c.10 - Parkhurst Forest, 15.v.83, larval feedings on *Larix* (JRL). NEW VCR, though confirmation with actual specimens is desirable.
v.c.11 - Braishfield, c., cases on *Larix* (JRL); Sparsholt, 27.iv.79 & 11.v.81, larvae, moths bred; Emer Bog, 18.iv.87, one case; Winchester, 1981 & '82, few at m.v.light (DHS); West Walk, Wickham, 28.vi.86, c. at m.v.light; Portsdown Hill, 20.vi.81; Southsea, 19.vi.83; genitalia det. in all instances (JRL); Havant Thicket, 14.vii.79, larvae c., moths bred (DHS).
v.c.12 - Itchen Valley, 21.vi.75, many flying at sunrise (DWHF).
422. *C. wockeella* Zell.
p.70.
423. *C. lixella* Zell.
p.70, add:
v.c.11 - Broughton Down, 9.vi.76, one by day (DWHF); Winchester, 5.vii.81, two (DHS); Portsdown Hill, 20.ix.86, one thyme-floret case on *Carex flacca*; 23.iv.87, one case (JRL, DHS).

v.c.12 - Leckford, 20.iii.83, small cases on *Carex flacca* and grasses (JRL), few moths taken by day each year (DHS).
424. *C. ochrea* (Haw.)
p.70.
425. *C. albidella* (D. & S.)
p.70, add:
v.c.11 - Emer Bog, 5 & 28.v.84, five larvae, moths bred; Botley Wood, sc., cases on *Salix atrocinerea* (JRL, DHS).
426. *C. anatipennella* (Hübner.)
p.70., add:
v.c.11 - Needs Ore Nature Reserve, 14.vii.82, genitalia det., 5.vi.85, sev. cases (DHS); Sparsholt, 14.x.84, cases; Old Winchester Hill, f.c.; Botley Wood, loc.f.c.; Portsmouth, f.c.; Southsea, f.c.; Hayling Is., 7.vi.86, one case on *Prunus spinosa*; cases on *P. spinosa*, *Sorbus x aria* and *Malus sylvestris* (JRL, DHS).
v.c.12 - Leckford, 7.vii.82, one at m.v.light, genitalia det.; Winchester, one larva on *Prunus domestica*, bred (DHS).
427. *C. currucipennella* Zell.
p.70.
428. *C. ardeaepennella* Scott
p.70, add:
v.c.11 - Mallard Wood, 3.vii.82, sev., genitalia det.; Church Place Inc., 28.v.83, two cases; Sparsholt, 26.vi.82, one larva on *Quercus*, bred; Winchester, 14.vii.83, five & 24.vii.84, two, at m.v.light, all genitalia det. (DHS); Botley Wood, cases on *Quercus*, c. in 1977, sc. since; Southsea, 5.vii.83, one at m.v.light, genitalia det. (JRL).
v.c.12 - Leckford, 7.vii.82, one at m.v.light, genitalia det. (DHS).

429. *C. ibipennella* Zell.
p.70, add:
v.c.11 - Sparsholt, 4.v.80, one case beaten from *Betula*, moth bred, 14.x.84, one larva, bred; Emer Bog, 27.ix.82, one larva on *Betula* (JRL, DHS); Wickham, 30.v.83, one case on *Betula*, moth bred; Havant Thicket, 26.x.86, one case (JRL, DHS); Botley Wood, 20.v.76, two larvae (DWHF), 24.viii.86, one old case, 10.ix.87, one case (JRL, DHS).
430. *C. palliatella* (Zinck.)
p.71, add:
v.c.11 - Sparsholt, 31.x.81, one empty case; Emer Bog, 16.xi.85, one old case; Winchester, 14.vii.83, one at m.v.light (DHS); Botley Wood, 1977, cases f.c., sc. since (JRL).
v.c.12 - Harewood Forest, 17.vii.79, one, genitalia det.; Leckford, 12.vii.81, one larva on *Quercus*, bred (DHS). NEW VCR.
431. *C. vibicella* (Hübner.)
p.71, add:
v.c.11 - N.Solent N.R., near Needs Ore, 4.vi.91, few cases on *Genista tinctoria* (JRL, DHS); Botley Wood, 1978, several moths bred, and larvae seen most years since (DHS), abdt. (JRL). This site was visited on 11.vi.88: the foodplant had been shaded out by growing trees, and there was no sign of the species (JRL, DHS).
432. *C. pyrrhulipennella* Zell.
p.71, add:
v.c.11 - Highcliffe (EHW); Holmhill, one at m.v.light, genitalia det. Emer Bog, one larva on *Calluna*, bred (DHS); Lyndhurst, sc.; Beaulieu Road, sc.; Wickham Common, sc.; Southsea, 1.vii.81 & 2.vii.86, singletons at m.v.light, both genitalia det. Cases on *Calluna*, difficult to breed unless found fixed for pupation (JRL).
433. [*C. vulnerariae* Zell.]
p.71.
434. *C. albicosta* (Haw.)
p.71, add:
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 6.vi.84, one (DHS); Boldre, c.; Beaulieu Road, 11.vii.81, one case on grass under *Ulex*, moth bred (JRL); Emer Bog, 1.vi.87, few by day; Teg Down, Winchester, 18-19.vi.79, two, and 30.v.87, two, genitalia det.; Botley Wood, 2.vi.79 (DHS); Wickham, c.; Southsea, c. (JRL).
435. *C. saturatella* Stt.
p.71, add:
v.c.11 - N.Solent N.R., near Needs Ore, 23.vi.90 & 4.vi.91, sev. cases on *Genista tinctoria*, moths bred (JRL, DHS).
436. *C. genistae* Stt.
p.72, add:
v.c.11 - Winchester, 28.vii.83, one at m.v.light, genitalia det. (DHS).
v.c.12 - Bromsbury, 25.iv.75, cases c. (DWHF).
437. *C. discordella* Zell.
p.72, add:
v.c.11 - Highcliffe (EHW); Minstead, 7.v.76 (LWS); Broughton Down, 9.vi.76, one by day (DWHF); Teg Down, Winchester, 7.vi.79, one case on *Lotus corniculatus*, moth em. 28.vi.79; 29.viii.82, three cases; Winchester, 24.vi.88, one at m.v.light, genitalia det. (DHS); Botley Wood, c.; Droxford, c.; Upham, f.c.; Southsea, loc.f.c.; cases on *L. corniculatus* and *L. uliginosus* (JRL);

- Portsdown Hill, 23.v.87, one case, moth bred (JRL, DHS).
v.c.12 - Leckford, 29.vi.88, one by day (DHS); Bramley Frith Wood, 23.viii.89, one at m.v.light, det DHS (AHD).
438. *C. niveicostella* Zell.
p.72, add:
v.c.11 - Broughton Down, 1975 & 1976 (DWHF).
v.c.12 - Leckford, 9.vii.81, genitalia checked (JRL); Itchen Valley, 1975 & 1976 (DWHF). See Goater (1983).
add:
v.c.11 - Broughton Down, 3.vii.83, one (DHS).
v.c.12 - Leckford, 29.vii.81, one and 7 & 14.vii.85, three, all taken by day over *Thymus* (JRL, DHS), 29.vi.88, one by day (DHS).
439. *C. silenella* H.-S.
p.72, add:
v.c.11 - Droxford, sc., cases on *Silene inflata*, bred 1980 (JRL); Portchester, 9.vii.87, many cases on *S. inflata*, moths bred (JRL, DHS). NEW VCR.
v.c.12 - Leckford, 10.vii.86, 14 cases collected on *S. inflata* (JRL, DHS).
440. *C. lassella* Stdgr
p.72.
441. *C. striatipennella* Nyl.
p.72, add:
v.c.11 - Farley Mount, 11.vi.88, one; Teg Down, Winchester, 18.vi.79 and Winchester, 30.viii.81, 7.viii.83, 10.vii.86, 14.vi.88, all genitalia det. (DHS); Botley Wood, f.c.; Southsea, 11.vii & 31.viii.79 at m.v.light, genitalia det. (JRL).
v.c.12 - Leckford, 9.vii.81 (DHS) & 14.vii.85 (JRL), both genitalia det.
442. *C. inulae* Wocke
p.72, add:
v.c.11 - Botley Wood, f.c.; Portsmouth, v.loc. (JRL); Farlington Marsh, 1.vii.84, many cases (DHS). Cases on *Pulicaria dysenterica*.
443. *C. follicularis* Vallot
= *troglydytella* (Dup.)
p.73, add:
v.c.10 - Cranmore, 11.vi.81, cases on *Pulicaria* (JRL); Ventnor, 2.viii.87, one at m.v.light, genitalia checked (JRL, ECP-C). NEW VCR.
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 6.vi.84 & 5.vi.85, cases c. on *Pulicaria*; Winchester, sev. at m.v.light, genitalia det. (DHS); Botley Wood, c.; Portsmouth, c.; Southsea, c.; Farlington Marsh, 29.v.88, sev. cases; Havant, c.; Hayling Is., 7.vi.86, cases (JRL); cases on *Pulicaria*. NEW VCR.
v.c.12 - Leckford, c., cases on *Eupatorium* (JRL).
444. *C. trochilella* (Dup.)
p.73, add:
v.c.11 - Winchester, 11.viii.81, 19.vi.87, singletons at m.v.light, genitalia det. (DHS); Botley Wood, 15.vi.77, one case on *Achillaea ptarmica*, moth bred, genitalia checked; Southsea, c., cases on *A. millefolium*, *Tanacetum* and *Artemisia vulgaris*, bred, genitalia checked (JRL). Portsmouth, cases found on *Leucanthemum vulgare* in early June 1990, moths bred end July and genitalia checked; apparently the first record of this foodplant being utilised by *C. trochilella* in this country (Langmaid, 1991, *Entomologist's Gaz.* 42: 242).
v.c.12 - Leckford, 7 & 14.vii.85, five & 29.vi.86, two, all genitalia det. (JRL, DHS).

445. *C. gardesanella* Toll
= *machinella* Bradl.
- v.c.11 - Botley Wood, 15.vi.77, nearly 20 cases collected on *Achillaea ptarmica*, moths em. latter half of July; all but one were this species, det. RWJU; since 1977, cases also found at West Walk, Wickham (Langmaid, 1982, *Entomologist's Rec.J.Var.* 94: 109-110); Southsea, 3.viii.82, one at m.v.light, genitalia checked (JRL). See Goater (1983).
- add:
- v.c.11 - Southsea, 3.viii.82, female (listed above), 8.viii.84, male, at m.v.light; one bred from a case collected on *Artemisia vulgaris* on 25.vi.78, identified on dissection (Langmaid, 1985, *Entomologist's Gaz.* 36: 46); cases collected on yarrow in mid-June 1985 produced specimens of this species and *C. trochilella*; differences in the cases are described (Langmaid, 1986, *ibid.* 37: 116).
- v.c.12 - Leckford, by day, 7.vii.85 (Langmaid, *ibid.*) and 29.vi.86 (DHS), both genitalia det. NEW VCR.
446. *C. peribenanderi* (Toll)
p.73, add:
- v.c.10 - Freshwater, 7.viii.81, by R.P. Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 175). NEW VCR.
- v.c.11 - Emer Bog, 27.ix.82, larva on *Cirsium*; Winchester, a few most years, genitalia det. (DHS); Sparsholt, v.c., cases on *C. arvense*, some larvae full-fed in autumn, others not until the following June; Botley Wood, f.c.; West Walk, Wickham, 7.ix.86, cases c.; Portsmouth, 21.ix.86, cases v.c.; Southsea, 27.vi.85, one at m.v.light, genitalia det.; Horsea Is., 10.x.85, one case (JRL).
- v.c.12 - Leckford, 16.vii.86, one at m.v.light, genitalia det.; Winnall Moors Nature Reserve, 13.viii.88, genitalia checked (DHS); Itchen Valley, larva on *C. arvense*, 10.x.75, moth em. 4.vi.76, genitalia checked (DWHF).
447. *C. paripennella* Zell.
p.73, add:
- v.c.11 - Highcliffe (EHW); Teg Down, Winchester, 4.vi.81, one larva, and 31.v.86, two larvae on *Serratula*, bred (DHS); Botley Wood, f.c.; Droxford, f.c.; Havant Thicket, sc.; larvae on *Centaurea*, *Serratula* and *Cirsium arvense* (JRL).
- v.c.12 - Leckford, 28.v.84, cases f.c. on *Centaurea nigra* and *C. scabiosa* (JRL, DHS).
448. *C. therinella* Tengst.
p.73, add:
- v.c.11 - Winchester, 26.vii.86, 17 & 20.vii.88, 27.vii.90, 7 & 20.vii.91 at m.v.light, all genitalia det.; Teg Down, 27.viii.90, two cases on *Bilderdykia convolvulus*, moths bred (DHS); Southsea, 2 & 14.vii.86, at m.v.light, both genitalia det., and again on 20.vi.89 & 20.vii.91 (JRL). FIRST DISCOVERY OF CASES IN BRITAIN.
449. *C. asteris* Mühl.
p.73, add:
- v.c.11 - Lower Test Marshes Nature Reserve, 12.viii.82, two by day, genitalia det.; Winchester, 3.viii.87 and following nights, a few at m.v.light, genitalia det. (DHS); Bursledon, c.; Portsmouth, f.c., cases on *Aster tripolium*; Southsea, occ. at m.v.light (JRL); Farlington Marsh, 27.viii.87, a few (JRL, DHS).
450. *C. argentula* (Steph.)
p.74, add:
- v.c.11 - Sparsholt, 31.vii.82, one at m.v.light; Teg Down, Winchester, 24.vii.83, one by day; Winchester, 14.vii.83, 17.vii & 18.viii.86, and 28.vii.87, at m.v.light; all genitalia det. (DHS); Portsdown Hill, 20.ix.86, a few cases; Portsmouth, c.; Southsea, abdt.; Hayling Is., 19.x.85, cases (JRL, DHS).

- Cases on seeds of *Achillaea millefolium* (JRL, DHS).
v.c.12 - Leckford, 1979, '85 & '86, larvae on seeds of *A. millefolium* (DHS).
451. *C. virgaureae* Stt.
p.74, add:
v.c.11 - Sparsholt, 31.viii.80, sev. cases, four moths duly emerged; Botley Wood, 26.viii.78, eight cases on *Solidago* (DHS); Havant Thicket, f.c., cases on seeds of *Solidago* (JRL).
452. *C. saxicolella* (Dup.)
= *annulatella* auctt.
p.74, add:
v.c.10 - Ventnor, 4.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Milford-on-Sea, 14.xi.87, two cases found on *Tussilago*, both bred and genitalia det.; although no *Atriplex* could be found nearby, it is presumed the larvae must have wandered from that foodplant; Eling, 21.ix.79, larvae c. on *Atriplex*, moths bred, genitalia det.; Winchester, 2.viii.83 & 10.viii.86, both genitalia det. (DHS); Portsmouth, v.c.; Southsea, v.c.; bred, genitalia det. (JRL).
v.c.12 - Itchen Valley, 28.vii.76, one at m.v.light, genitalia det. (DWHF).
453. *C. sternipennella* (Zett.)
p.74, add:
v.c.11 - Portsmouth, v.c.; Southsea, v.c.; cases on *Atriplex* and *Chenopodium*, moths bred, genitalia checked (JRL).
454. *C. adpersella* Ben.
p.74, add:
v.c.11 - Eling, 21.ix.79, larvae on *Atriplex*, moths bred; Winchester, 19.vii.83, one at m.v.light, genitalia det. (DHS); Southsea, 15.vii.86, one at m.v.light, genitalia det.; Horsea Is., 10.x.85, one case on *A. littoralis*, moth bred (JRL).
455. *C. versurella* Zell.
p.74, add:
v.c.11 - Winchester, 11.viii.86, one at m.v.light, genitalia det. (DHS); Portsmouth, four bred from cases on *Chenopodium* collected 4.x.87 (JRL, DHS); Southsea, c., cases on *Atriplex hastata* and *Chenopodium album* (JRL).
v.c.12 - Leckford, 9.viii.88, one at m.v.light, genitalia det. (DHS); Itchen Valley, now loc.f.c. (DWHF, 1975).
456. *C. squamosella* Stt.
p.75, add:
v.c.11 - Winchester, 19.viii.81, one at m.v.light, genitalia det. (DHS); Horsea Is., 10.x.85, sev. cases (JRL, DHS). NEW VCR.
v.c.12 - Chilbolton, c.; Wherwell, abdt. (JRL, DHS).
457. *C. vestianella* (Linn.)
= *laripennella* (Zett.)
p.75.
458. *C. atriplicis* Meyr.
p.75, add:
v.c.11 - Portsmouth, abdt., cases on *Salicornia* and *Suaeda*; Hilsea, 27.ix.79, cases; Hayling Is., 1.xi.84, cases c. on *Suaeda maritima* (JRL, DHS).
459. [*C. deviella* (Zell.)
= *moeniacella* auctt.]
p.75, add:
v.c.11 - Southsea, two males at m.v.light, on 26 & 31.viii.84 (Langmaid, 1985, *Entomologist's Gaz.* 36: 46)]. This was later found to be a misidentification

(Langmaid, *ibid.* 1986, 37: 116), and the presence of the species in Hampshire remains unconfirmed.

460. *C. salinella* Stt.
p.75, add:
v.c.11 - Bursledon, 4.v.85, one case; Portsmouth, v.c., cases on *Halimione* and *Atriplex littoralis* (JRL); Hilsea, 27.ix.79, cases (DHS). NEW VCR.
461. *C. artemesicolella* Bruand
p.75, add:
v.c.10 - St. Helens, cases sc. (JRL). NEW VCR.
v.c.11 - Winchester, 22.viii.87, one at m.v.light, genitalia det. (DHS); Southsea, f.c., cases on *Artemisia vulgaris* (JRL), 27.ix.79, cases collected (DHS).
462. *C. murinipennella* (Dup.)
p.76, add:
v.c.11 - Emer Bog, 12.vi.87, one by day, genitalia det. (DHS); Botley Wood, c.; Droxford, c.; Havant Thicket, c. (JRL).
v.c.12 - Chilbolton, 8.v.82, few by day (JRL, DHS).
463. *C. taeniipennella* H.-S.
p.76, add:
v.c.11 - Mallard Wood, 3.vii.82, two at m.v.light, genitalia checked (DHS); Havant Thicket, loc.c., cases on *Juncus articulatus* (JRL). See Goater (1983).
The records given in Goater (1974) remain unconfirmed.
- add:
v.c.11 - Ashurst, 3.viii.85, one by day; Winchester, 20.vii.84, one at m.v.light; both moths genitalia det. (DHS); Emer Bog, 26.ix.87, a number of cases found on *Juncus articulatus*, from which a few moths were bred (JRL, DHS); Southsea, 27.vii.84, one at m.v.light, genitalia det. (JRL).
464. *C. glaucicolella* Wood
p.76, add:
v.c.10 - St. Helens, 5.viii.87, two, genitalia checked (JRL, ECP-C).
v.c.11 - Emer Bog, 30.vii.85, few at m.v.light; Winchester, a few most years at m.v.light; all genitalia det. (DHS); Botley Wood, c., cases on *Juncus inflexus* and *Luzula multiflora*; Portsmouth, c., cases on *Juncus maritimus*; Southsea, 24.vii.80; Southsea, 17.ix.81, cases on *J. gerardi*, moths bred, genitalia checked; Farlington Marsh, v.c.; Hayling Is., 31.v.84, one, genitalia det. (JRL, DHS).
v.c.12 - Leckford, 26.vii.86, one at m.v.light, genitalia det.; Winnall Moors Nature Reserve, 25.vii.87, a few at m.v.light, genitalia det. (DHS).
465. *C. cratipennella* Clem.
= *tamesis* Waters
p.76, add:
v.c.11 - Winchester, 8.vii.83 & 6.vii.84, two, all genitalia det. (DHS); Southsea, 1.vii.85, one at m.v.light, genitalia det. (JRL).
466. *C. alticolella* Zell.
p.76, add:
v.c.11 - Minstead, 1971, genitalia checked by DJLA (LWS); Ashurst, 3.vii.85, one; Sparsholt, 8.vii.85, one; Emer Bog, cases c.; Winchester, 1982-'86, sev. each year at m.v.light; genitalia checked in all instances (DHS); Botley Wood, c.; Southsea, c.; all genitalia checked (JRL); Havant Thicket, 1979, bred (DHS).
v.c.12 - Hook, 15.vi.76, one by day (DWHF).
467. *C. maritimella* Newman
p.77, add:

- v.c.11 - Highcliffe (EHW); Hamble Common, Swanwick; Gilkicker Point, cases c. on *Juncus maritimus* (RJD); Portsmouth, c.; Southsea (JRL), 13.vi.79, cases on *J. maritimus* produced sev. moths, genitalia checked (DHS).
468. *C. adjunctella* Hodgk.
p.77, add:
v.c.10 - St. Helens, 5.viii.87, cases on *Juncus gerardi*, moths bred (JRL, ECP-C).
v.c.11 - Farlington Marsh, 27.viii.87, sev. cases collected from *J. gerardi*, but none bred successfully (JRL, DHS); Southsea, 26.vi.87, one at m.v.light, genitalia det.; Hayling Is., 13.vi.87, one, genitalia det. (JRL).
469. *C. caespititiella* Zell.
p.77, add:
v.c.10 - St. Helens, 5.viii.87, cases on *Juncus gerardi*, moths bred (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Ashurst, 3.vi.85, many at m.v.light (JRL); Needs Ore Nature Reserve, 5.vi.85, v.c.; Emer Bog, 9.vi.84, one at m.v.light, and 18.vi.86 & 12.vi.87, singletons by day, all genitalia det.; Winchester, 5.vi.82, two, and a few most years subsequently, all genitalia det. (DHS); Otterbourne, 1975, one at dusk (DWHF); West Walk, Wickham, 28.vi.86, two at m.v.light; Southsea, 28.v.76, and c. since 1984 at m.v.light; genitalia invariably checked (JRL).
470. *C. salicorniae* Wocke
p.77, add:
v.c.11 - Emer Bog, 30.vii.83, one at m.v.light; Southsea, Aug. 1978, three, and occasionally since, genitalia checked (JRL); Farlington Marsh, 7.viii.84, very many flying by day over stunted *Salicornia* in a dry area (DHS).

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471. *Perittia obscurepunctella* (Stt.)
p.77, add:
v.c.11 - Ampfield, 26.iv.75, one by day (DWHF); Denny Bog, 20.v.76; Sparsholt, 17.iv.76, 27.iv.79, two; Emer Bog, 22.iv.84, a number appeared flying between approx. 1800-1830hrs (DHS); Southwick, f.c.; Havant Thicket, sc. (JRL).
472. *Stephensia brunnichella* (Linn.)
p.77, add:
v.c.11 - Broughton Down, 26.v.86, one (JRL, DHS); Farley Mount, 11.vi.88, one; Sparsholt, 21.vii & 2.ix.82 (DHS); Droxford, c., larvae on *Clinopodium*, moths bred; Portsdown, 9.xi.86, tenanted mines on *Clinopodium* (JRL); Oxenbourne Down, 1972, sev. (RJD).
v.c.12 - Leckford, 15.vi.86, sev.; 26.iv.87, mines found; West Down, Chilbolton, 3.viii.82, one & 29.vii.84, two (JRL, DHS).
473. *Elachista regificella* Sirc.
p.79, add:
v.c.11 - Sparsholt, 19.iv & 25.vi.86, many mines on *Luzula pilosa*, moths bred (JRL, ECP-C, DHS); Havant Thicket, 13.iv.85, a few mines on *L. pilosa* (JRL). Presence in Hampshire confirmed.
474. *E. gleichenella* (Fabr.)
p.79, add:
v.c.12 - Leckford, 17.vi.75, one by day (DWHF), mine collected 19.iv.85 on *Carex flacca*, moth bred (JRL, ECP-C, DHS); Chilbolton Down, 6.iv.86, mines on *C. flacca*, one moth bred (JRL, DHS). NEW VCR.
475. *E. biatomella* (Stt.)
p.79, add:
v.c.11 - Broughton Down, 26.v.86, one; Portsdown Hill, 23.iv.87, a few mines found;

23.v.87, sev. moths by day (JRL, DHS); Oxenbourne Down, 27.v & 24.vii.73, genitalia det. (RJD).

476. *E. poae* Stt.
p.81, add:
v.c.11 - Ashurst, 3.vi.85, one at m.v.light (JRL); Oxenbourne Down, 27.v.72, one at dusk (RJD).
v.c.12 - Leckford, 12.iv.82, many larvae and pupae on *Glyceria maxima*, moths bred (JRL, DHS).
477. *E. atricomella* Stt.
p.81, add:
v.c.11 - Minstead, 1971, '73 & '75 (LWS); Teg Down, Winchester, 20.vi.79, one at dusk; Winchester, sev. at m.v.light most years, genitalia det. (DHS); Widley Wood, Southwick, 12.v.72, male, genitalia det. (RJD); Botley Wood, 1.vii.78; Droxford, 20.vi.79; Southsea, f.c. (JRL).
478. [*E. kilmunella* Stt.]
p.81.
479. *E. alpinella* Stt.
p.81, add:
v.c.12 - Leckford, 10.ix.79, three by day, genitalia det. (DHS); 13 & 17.ix.87, few by day; 30.v.88, a number of mines found on *Carex acutiformis*, moths emerged during June, July and August, mostly long after the foodplant had completely dried up (JRL, DHS). NEW VCR.
480. *E. luticomella* Zell.
p.81, add:
v.c.11 - Lyndhurst, 1975 (DWHF); Chappets Copse, 26.iv.87, mines on *Dactylis*, some moths bred; Teg Down, Winchester, 26.iv.86, one mine, moth bred; Winchester, 28.vi.79 (DHS); Havant Thicket, 3.iv.88, mines c., moths bred (JRL, DHS).
v.c.12 - Leckford, 21.vi.85, one mine on *Dactylis*, moth bred (DHS); Itchen Valley, June 1975, one on wing at sunrise (DWHF).
481. *E. albifrontella* (Hübner.)
p.81, add:
v.c.11 - Sparsholt, 2.vi.82, one; Emer Bog, 5.v.86, many mines on *Holcus* sp. and *Deschampsia caespitosa*, moths bred, 18.vi.85, few at m.v.light; Teg Down, Winchester, 16.vi.79 & 28.vi.80 (DHS); Botley Wood, f.c.; Wickham Common, c. (JRL); Oxenbourne Down, c. (RJD). Also from a number of other localities in the vice-county (JRL, DHS).
v.c.12 - Bramdean Common, 27.vi.80 (FHNS).
482. *E. apicipunctella* Stt.
p.81.
483. *E. subnigrella* Dougl.
p.81, add:
v.c.11 - Balmer Lawn, Brockenhurst, 7.v.79; Teg Down, Winchester, May-June, 1979, c., 26.iv.86, mines c.; Winchester, a few most years at m.v.light (DHS); Portsdown, 20.vi.81, one by day; Southsea, occ. at m.v.light (JRL).
v.c.12 - Leckford, 13.iv.85, one mine on *Koeleria*, moth bred (JRL); Stockbridge Down, 15.v.79, two by day (DHS); Noar Hill, Selborne, 7.vii.81 (FHNS).
484. *E. humilis* Zell.
p.80, add:
v.c.10 - Parkhurst Forest, 14.v.86, one mine, moth bred; Firestone Copse, 17.v.86, one mine, moth bred (DHS). NEW VCR.
v.c.11 - Sparsholt, 1.vi.78; Emer Bog, 29.v.86, one mine on *Carex paniculata* (new

foodplant), moth bred and genitalia det. (DHS); Botley Wood, f.c.; East Meon, 1978, one bred from *Deschampsia*, 13.iv.85, larvae c. (JRL); Havant Thicket, 3.iv.88, a few mines, moths bred (JRL, DHS); Oxenbourne Down, 13.v.72 (RJD).

485. *E. canapennella* (Hübner.)
= *pulchella* (Haw.)
p.80, add:
v.c.10 - Parkhurst Forest, 15.v.83 (JRL).
v.c.11 - Winchester, a few most years at m.v.light (DHS); Boldre, v.c.; Botley Wood, v.c.; Wickham, v.c.; Southsea, v.c. (JRL); Upham, 1975; Hayling Is. (DWHF).
v.c.12 - Armsworth, 1975 (DWHF).
486. *E. rufocinerea* (Haw.)
p.80, add:
v.c.10 - St. Lawrence, 7.v.78, genitalia det. (DHS).
v.c.11 - Lower Test Marshes Nature Reserve, 5.v.85, few; Emer Bog, 4.v.87, one (JRL, DHS); Teg Down, Winchester, c.; Portsdown Hill, c. (DHS); Botley Wood, v.c.; Droxford, v.c.; Curbridge, 18.v.86, one at m.v.light; Southsea, c.; Havant Thicket, c. (JRL); Oxenbourne Down, 13.v.72 (RJD).
487. *E. cerussella* (Hübner.)
p.78, add:
v.c.11 - Winchester, 1.vi.82, 1.vii.83, singletons at m.v.light (DHS).
v.c.12 - Leckford, May/June 1978, '80 & '81, many at dusk in marshy carr, 6.v.85, three mines, moths bred, also occ. at m.v.light; Winnall Moors Nature Reserve, 22.vii.83, 11.viii.85 & 13.viii.88, a few at m.v.light; Itchen Abbas, 29.vi.80 (DHS).
488. *E. argentella* (Clerck)
p.78, add:
v.c.11 - Highcliffe (EHW); common at Ashurst, Needs Ore Nature Reserve, Farley Mount, Teg Down, Botley Wood, Oxenbourne Down and many other places (DHS); Keyhaven, 4.vi.85, c.; Hurst Castle, 4.vi.85, c.; Portsdown, c.; Southsea, v.c. (JRL); Hayling Is., 1975 (DWHF).
489. *E. triatomea* (Haw.)
p.78, add:
v.c.11 - Teg Down, Winchester, 28.vi.80; a few mines on 31.v.86, one moth bred; Winchester, 29.vi.87, one at m.v.light (DHS); Oxenbourne Down, 6.vii.85, one at m.v.light (JRL).
v.c.12 - Leckford, 1978-'86, small numbers each year by day (JRL, DHS).
490. *E. subocellea* (Steph.)
p.78, add:
v.c.11 - East Meon, 2.v.81, larvae on *Brachypodium sylvaticum*, one moth bred (JRL).
491. *E. dispunctella* (Dup.)
p.78.
492. *E. bedellella* Sirc.
p.80, add:
v.c.11 - Portsdown Hill, 27.iv.86, larvae f.c. on *Helictotrichon pratense*, moths bred; 17.vii.86, a few mines, one moth bred; 23.iv.87, sev. mines; 23.v.87, sev. moths flying by day (JRL, DHS).
493. *E. megerlella* (Hübner.)
p.80, add:
v.c.11 - Sparsholt, 7.iv.85, four mines (DHS); Botley Wood, c., larvae on *Brachypodi-*

- um sylvaticum*, bred in 1977; East Meon, 8.iv.85, sev. mines; Havant Thicket, 5.iv.84, larvae f.c. (JRL).
- v.c.12 - Harewood Forest, 2.iv.83, four mines, 30.iii.85, one mine; Leckford, 18.iv.85, sev. mines, moths bred (JRL, DHS). NEW VCR.
494. *E. unifasciella* (Haw.)
- v.c.12 - Leckford, four bred from mines in *Dactylis*, collected 14-21.iv.85 (DHS), 30.iii.86, numerous mines, some moths bred (JRL, DHS). NEW COUNTY RECORD.
495. *E. gangabella* Zell.
p.79, add:
v.c.10 - Westover Down, 23.x.85, ten mines in *Brachypodium sylvaticum*, moths bred (DHS). NEW VCR.
v.c.11 - Sparsholt, 15.vi.80 & 28.v.82, singletons; 11.ix.82, a few larvae; Pitt Down, 1.xii.82, two larvae (DHS); Bursledon, larvae c. in *B. sylvaticum* (JRL).
v.c.12 - Harewood Forest, larvae c. (JRL, DHS).
496. *E. subalbidella* Schläg.
p.79, add:
v.c.11 - Matley Bog, 11.vi.81, one (JRL).
v.c.12 - Woolmer Forest, 5.vi.76, one by day (DWHF). NEW VCR.
497. *E. revinctella* Zell.
v.c.11 - Southsea, 2.vii.76, genitalia checked (JRL). See Goater (1983).
add:
v.c.11 - Winchester, 17.vii.84, one at m.v.light (DHS).
498. *E. bisulcella* (Dup.)
p.80, add:
v.c.10 - Firestone Copse, 17.v.86, one mine, moth bred (DHS).
v.c.11 - Emer Bog, 6.viii.87, one by day (DHS); Botley Wood, 26.viii.78, one, 22.viii.79, f.c., 26.viii.85, one genitalia det. (JRL, DHS). NEW VCR.
v.c.12 - Leckford, 9 & 10.vii.76, many mines, moths bred (JRL, DHS). NEW VCR.
499. *E. littoricola* le Marchand
v.c.11 - Hurst Castle, 4.vi.82, two males taken by day (EHW).
NEW TO BRITAIN. See Goater (1983).
add:
v.c.11 - Hurst Castle, 6.vi.88, a few resting on grass stems in dull weather (DHS), 10.vi.90, two by day (JRL).
500. *Biselachista trapeziella* (Stt.)
v.c.11 - Sandy Balls, New Forest, 28.iv.91, sev. mines on *Luzula sylvatica*, one moth bred (JRL, DHS). NEW COUNTY RECORD.
501. *B. (Elachista) cinereopunctella* (Haw.)
v.c.11 - Botley Wood, 16.vi.77, genitalia checked (JRL).
v.c.12 - Leckford, 17.vi.75, one by day (DWHF); Chilbolton Down, 3.vi.79 (JRL). See Goater (1983).
add:
v.c.11 - Pitt Down, 17.iii.83, mines c. on *Carex flacca*; East Meon, 26.iv.87, sev. mines

- on *C. flacca*; Portsdown Hill, 23.iv.87, a few mines, one moth bred (JRL, DHS).
- v.c.12 - Leckford, 10.iv.85, mines on *C. flacca*; Chilbolton Down, 6.iv.86, few mines, moths bred (JRL, DHS).
502. *B. (Elachista) serricornis* Stt.
v.c.11 - Matley Bog, 11.vii.79, 8.vi.81 (two) (JRL). See Goater (1983).
503. *B. (Elachista) scirpi* Stt.
p.79, add:
v.c.11 - Farlington Marsh, 19.vii.84, two (JRL, DHS); Hayling Is., 7.vi.86, two larvae on *Scirpus maritimus*, one moth bred (JRL, ECP-C), 13.iv.87, three mines and one pupa (JRL, DHS).
504. *B. (Elachista) eleochariella* Stt.
p.79.
505. *B. (Elachista) utionella* Frey
p.79, add:
v.c.11 - Emer Bog, 29.v.86, two mines, 4.v.87, one mine, moths bred (JRL, DHS);
Winchester, 14.vii.83, 31.vii.84 & 26.vii.85, singletons at m.v.light (DHS). NEW VCR.
v.c.12 - Leckford, 4.vi.83, sev. mines but none bred; 6.v.85 & 26.iv.87, mines on *Carex paniculata*, a few moths bred; 24 & 30.v.88, mines on *C. acutiformis*, a few moths bred (JRL, DHS); 18.vi.87, a few moths by day (DHS).
506. *B. (Elachista) albidella* Tengst.
p.79, add:
v.c.11 - Highcliffe (EHW); Denny Bog, 29.vii.78, five (DHS); Matley Bog, c. (JRL), 7.v.88, a few mines on *Carex* sp., moths bred (JRL, DHS).
507. *Cosmiotes freyerella* Hübn.
p.82, delete:
v.c.12 - Leckford, c.; Itchen Valley, c.; Alresford, c.; Micheldever, c. (DWHF).
add:
v.c.10 - Shanklin, 9.viii.84 (JMC).
v.c.11 - Widley Wood, 12.v.72, genitalia det. (RJD).
v.c.12 - Leckford, 2.vi.76, Itchen Valley, 1965, '66, '75; Micheldever, 1964, one, all genitalia det. (DWHF).
508. *C. consortella* (Stt.)
v.c.12 - Itchen Valley, single specimens in 1975 & 1976, genitalia checked (DWHF). See Goater (1983).
add:
v.c.11 - Winchester, 3.ix.87, 9.ix.88 singletons at m.v.light, both genitalia det. (DHS); Southsea, 13.viii.83, one at m.v.light (JRL). NEW VCR.
509. *C. stabilella* Frey
p.82.
- OECOPHORIDAE
510. *Schiffermuelleria grandis* (Desv.)
p.82.

511. *S. tinctella* (Hübner.)
p.82, add:
v.c.11 - Highcliffe (EHW).
v.c.12 - Armsworth, 1975, one (DWHF).
512. [*Denisia* (*Schiffermuelleria*) *augustella* (Hübner.)]
p.82.
The records given in Goater (1974) should be placed in square brackets pending further investigation: they could refer to this or the following species.
513. *D. albimaculea* (Haw.)
v.c.11 - Southsea, 18.vi.79, 8.vi.80 & 22.vi.86, 5.vi.88, singletons at m.v.light (JRL).

This species has recently been differentiated from *D. augustella*. NEW COUNTY RECORD.
514. *Batia lunaris* (Haw.)
p.82, add:
v.c.10 - Ventnor, Aug.1987, f.c. at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Sparsholt College, c. (AHD); Widley, nr. Portsmouth, early July, 1986, sev. (PMP); Southsea, c. (JRL).
v.c.12 - Leckford, few most years (DHS); Medstead, 14.vii.79 (FHNS).

Many records from v.c.'s 11 and 12 (DHS).
515. *B. lambdella* (Don.)
p.82, add:
v.c.11 - Highcliffe (EHW); Matley Passage, 11.vii.81 (JRL, DHS); Needs Ore Nature Reserve, 14.vii.82, sev. at dusk (DHS); Southsea, 19.iii.83, larvae in dead twigs of *Ulex*, moths bred (JRL).
516. *B. unitella* (Hübner.)
p.83, add:
v.c.10 - Ventnor, 4.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Minstead, 1973-'75 (LWS); Sparsholt College, 1987, two at m.v.light (AHD); Ampfield, 14.vi.76, one by day (DWHF), 14.vii.79; Wickham, 28.vii.84, two; Southsea, f.c.; Havant Thicket, larvae c. in dead wood (JRL).
v.c.12 - Harewood Forest, 17.vii.79, f.c. (DHS); Ecchinswell, 11.viii.89, 3 at m.v.light; Bramley Frith Wood, 18.vii.89, one at m.v.light (AHD).

Many records from v.c.'s 11 and 12 (JRL, DHS).
517. *Borkhausenia fuscescens* (Haw.)
p.83, add:
v.c.11 - Highcliffe (EHW); Upham, 1975 (DWHF); Winchester, 22.viii.78 and few most years thereafter; Browndown, 26.vii.79; Portchester, 26.vi.79 (DHS); Droxford, f.c.; Southsea, f.c. (JRL).
v.c.12 - Leckford, 19.vii.74, one by day (DWHF), 22.vii.84, 7.vi.85, singletons by day (DHS).
518. *B. minutella* (Linn.)
p.83.
519. *Telechrysis tripuncta* (Haw.)
p.83, add:
v.c.11 - Botley Wood, 12.vi.83, one by day (JRL, DHS). NEW VCR.
520. *Hofmannophila pseudospretella* (Stt.)

p.85.

521. *Endrosis sarcitrella* (Linn.)

p.83, add:

Everywhere common, indoors and out (JRL, DHS *et al.*)

522. *Esperia sulphurella* (Fabr.)

p.83, add:

v.c.11 - Amberwood, 1962; Minstead, 1968-'75 (LWS); Denny Wood, 13.iii.84, larvae and pupae c. under bark of dead trees; Ashurst, 13.iv.84, larvae under dead bark of beech (JRL, DHS); Broughton Down, 1984 (WCNHS); Sparsholt, f.c.; Emer Bog, 24.v.78; Winchester, 4.vi.79; West Walk, Wickham, 22.vi.79, f.c. (DHS); Boldre, c.; Botley Wood, v.c.; Wickham, c.; Curdridge, c.; Droxford, c.; Southsea, c.; Havant Thicket, v.c.; Hayling Is., c. (JRL); Widley nr. Portsmouth, 27 & 28.vi.86, singletons (PMP).

v.c.12 - Harewood Forest, larvae and moths c. (DHS); Oakley, 26.v.83 (AHD).

523. *E. oliviella* (Fabr.)

p.84, add:

v.c.11 - Winchester, 15.vii.77, one by day in woods just outside the city (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315).

v.c.12 - Harewood Forest, 5.iv.81, larvae found in standing dead oak, moths bred (JRL, P.H.Sterling). See Goater (1983).

add:

v.c.12 - Harewood Forest, larvae also in 1983, '84 and subsequent years (JRL, DHS).

524. *Oecophora bractella* Linn.

v.c.12 - Harewood Forest, many bred from larvae in standing dead oak collected in March & April 1983, '84 and subsequent years. (JRL, DHS). See Sterling, P.H., 1984, *Entomologist's Rec.J.Var.* 96: 54-55). NEW COUNTY RECORD.

525. *Alabonia geoffrella* (Linn.)

p.84, add:

v.c.11 - Minstead, 1972, three in sunshine round bramble (LWS); Sparsholt, few each year; Emer Bog, 18.vi.86, a few (DHS); Botley Wood, c.; East Meon, 1985 & '86, sev.; Portsmouth, 14.vi.78 (JRL).

v.c.12 - Overton, 2.vi.81, one at m.v.light (AHD); Hook, 15.vi.76, one by day; Woolmer Forest, 5.vi.76, one by day (DWHF).

526. *Aplota palpella* (Haw.)

p.84.

527. *Pleurota bicostella* (Clerck)

p.84, add:

v.c.10 - Headon Warren, 29.vii.74 (CCS). NEW VCR.

v.c.11 - Southsea, 20.vi.83, one at m.v.light (JRL).

v.c.12 - Woolmer Forest, c. (JRL).

528. *Carcina quercana* (Fabr.)

p.84.

529. *Amphisbatis incongruella* (Stt.)

p.85, add:

v.c.11 - Burton Common, Highcliffe, 27.iii.82, specimen given to EHW (JRL); Matley Bog, 14.vi.73 and in subsequent years, c. to f.c.by day, in sunshine after 1100hrs.; Browndown, 7.iv.73 (JRL, DHS).

530. *Pseudatemelia (Tubuliferola) josephinae* (Toll)
p.85, add:
v.c.11 - Emery Down, 14.vii.79 (JRL); Holmhill, 25.vii.79, 10.vii.85; Church Place Inc., 22.vii.79; Sparsholt, 16.vii.77 & 2.vii.79; Emer Bog, 1.vii.87 (DHS).
v.c.12 - Harewood Forest, 25.vii.79 & 10.vii.85; Leckford, 28.vi.81 (DHS); Itchen Valley, June 1975, one at m.v.light (DWHF).
531. *P. (Tubuliferola) flavifrontella* (D.& S.)
p.85, delete:
v.c.11 - Parkhill Inc., 30.v.68, 10.vi.69, det. E.C. Pelham-Clinton (DJLA).

add:
v.c.11 - Emery Down, 14.vii.79 (JRL); Denny Bog, 30.vi.79; Parnholt Wood, 1.vi.81; Sparsholt, 2.vii.79 (DHS); Emer Bog, 10.vi.91, one by day; East Meon, 1.vi.85, one by day (JRL).
v.c.12 - Itchen Valley, 16.vi.71, one at m.v.light (DWHF). NEW VCR.
532. *P. (Tubuliferola) subochreella* (Doubl.)
p.85, add:
v.c.11 - Parkhill Inc., 30.v.68 & 10.vi.69 (DJLA); Mallard Wood, 5.vi.85, c. by day, 15.iii.86, cases; Ashurst, 19.vi.85; Emer Bog, 23.iv.84, one case in leaf litter, moth bred; 12.vi.87, one by day (JRL, DHS); Ampfield, 14.vi.76, one by day (DWHF); Botley Wood, 27.v.90, a few by day; West Walk, Wickham, 28.vi.86, many at m.v.light; Havant Thicket, 4.vi.78 (JRL), 24.iii.85, cases in leaf litter, moths bred (DHS).
533. *Diurnea fagella* (D.& S.)
p.84.
534. *D. phryganella* (Hübner.)
p.85, add:
v.c.11 - Emery Down, 1978 (JEC); Parkhill Inc., 30.x.78, eight; Sparsholt, one in 1976 (DHS); Southsea, 20.x.77 (JRL).
v.c.12 - Leckford, 3.xi.78, two, 31.v.84, one larva, female moth bred; Stockbridge, Nov.1979 (DHS).
535. *Dasystoma (Cheimophila) salicella* (Hübner.)
p.85, add:
v.c.10 - Ventnor, 17.iii.73, male flying by day (RJD), is only the second record for the Isle of Wight.
v.c.11 - New Forest, seems to be scarce nowadays; moths and larvae often sought, but the only one found was a larva on *Myrica*, Sept.1982: the moth em. 14.iii.83 (DHS).
536. *Semioscopis avellanella* (Hübner.)
p.86, add:
v.c.11 - Sparsholt, April 1977, two by A. Bell, det. DHS.
537. *S. steinkellneriana* (D.& S.)
p.86, add:
v.c.11 - Sparsholt, 10.iv.82, one (DHS); Botley Wood, f.c., flying freely before sunrise in early April; East Meon, 4.iv.74 (JRL).
v.c.12 - Stockbridge, 16.iv.84, one (JRL, DHS).
538. *Enicostoma lobella* (D.& S.)
p.86, add:
v.c.11 - Minstead, 1973 (LWS); Dean, nr. Winchester, 22.ix.80, larva on *Prunus spinosa*; Sparsholt, 3.x.80, one larva (DHS); Portsdown Hill, 20.ix.86, few larvae (JRL, DHS); Hayling Is., 31.viii.86, sev. larvae on *P. spinosa*, Sandy Point (JMW).
v.c.12 - Leckford, larvae c.; Chilbolton Down, loc.v.c. (JRL, DHS); Overton, 1.vi.81, in

539. *Depressaria discipunctella* H.-S.
p.86, delete:
v.c.11 - Rowlands Castle, det. D.J. Carter (FCS). Dr. Langmaid writes, "I have seen the collection of the late F.C. Stanley, and there is no specimen of this species there; D.J. Carter at Brit.Mus.(Nat.Hist.) cannot recollect identifying it".
540. *D. daucella* (D.& S.)
p.86, add:
v.c.11 - Highcliffe (EHW); Matley Bog, 11.vii.81, few larvae; Needs Ore Nature Reserve, 5.vi.85, larvae c. on *Oenanthe crocata* (DHS); Ampfield, 14.vii.79, larvae c. in stems of *O. crocata* (BG); Botley Wood, abdt., larvae in spun heads of *O. crocata* and *O. pimpinelloides*; Farlington Marsh, 27.viii.87, spinings found (JRL); Hayling Is., 1986, larvae v.c. on *O. crocata* (JMW).
v.c.12 - Leckford, abdt., many bred (DHS).
541. *D. ultimella* Stt.
p.86, add:
v.c.11 - Minstead, 8.v.76 (LWS); Southwick, 11.viii.82, pupae f.c. in stems of *Apium nodiflorum*, all em.; Droxford, 15.viii.82, larvae and pupae v.c. in *Apium* stems, 10 taken, of which two emerged, the rest being parasitised (JRL). See Goater (1983).
542. *D. pastinacella* (Dup.)
p.87, add:
v.c.10 - Headon Warren; Freshwater Marsh, Brook Down; 1973-'75 (CCS); Tennyson Down, Brighstone, Afton Down, Ventnor, Brading Down, Aug.1987, larvae on *Heracleum* and *Pastinaca* (JRL, ECP-C).
v.c.11 - Dean, c.; Teg Down, c.; Winchester, c. (DHS); Botley Wood, v.c.; Droxford, v.c.; Southwick, c.; East Meon, v.c.; Portsdown, v.c.; Portsmouth, v.c.; Southsea, v.c. (JRL); Titchfield Haven L.N.R., moths found regularly in hides, wood sheds, etc., and occ. at light (PMP); Woodley, nr. Romsey, 1972-'78, f.c.; Little Butser Hill, f.c. (AHD); Oxenbourne Down, larvae c. (RJD); Hayling Is., larvae v.c. (JMW, 1986).
v.c.12 - Harewood Forest, larvae c. (DHS); Overton, larvae c. (AHD).
543. *D. pimpinellae* Zell.
p.87, add:
v.c.11 - Sparsholt, Dean, Teg Down, larvae c. in heads of *Pimpinella saxifraga*, July 1979, bred; Winchester, occ. at m.v.light (DHS). NEW VCR.
v.c.12 - Leckford and South Wonston, July 1979, larvae c. (DHS).
544. *D. badiella* (Hübner.)
p.87, add:
v.c.10 - Tennyson Down, 6.viii.87, one by day (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Minstead, 1973 (LWS); Romsey, 26.ix.78, one (AHD); nr. Beaulieu Road Station, 6.ix.80, one; Winchester, 14.ix.78, one at m.v.light (DHS); Southsea, 2.viii.83, one (JRL); Oxenbourne Down, 7.vii.73, genitalia det. (RJD).
545. *D. pulcherrimella* Stt.
p.87, add:
v.c.11 - Farley Mount, 8.ix.78, one by day; Winchester, 13.ix.82, one at m.v.light (DHS); Teg Down, Winchester, larvae f.c. on *Pimpinella saxifraga*; Portsdown Hill, larvae f.c. (JRL).
v.c.12 - Leckford, 9.viii.78, one at m.v.light; 25.ix.79, one by day; larvae f.c. in spun leaves of *P. saxifraga* and *Daucus carota* (JRL, DHS).

546. *D. douglasella* Stt.
p.87, add:
v.c.10 - Shanklin, 20.viii.84 (JMC).
v.c.11 - Portsdown Hill, 6.ix.75, at m.v.light (RJD); Portsmouth, c., larvae in spun leaves of *Daucus carota* in late June; Southsea, c.(JRL).
v.c.12 - Leckford, larvae f.c. in spun leaves of *Daucus* (JRL, DHS).
547. *D. weirella* Stt.
p.87, add:
v.c.11 - Portsdown Hill, 12.vi.83, one larva on *Anthriscus*, moth bred, 7.v.84, sev. larvae, moths bred (JRL).
v.c.12 - Bartley Heath Res., 29.vi.91, larvae v.loc. in *Conium* flower heads, bred; Odiham Common, 29.vi.91, larvae loc.c. in *Conium* flower heads, bred (AHD).
548. *D. aegopodiella* (Hüb.)
= *albipunctella* (Hüb.)
p.88.
549. *D. olerella* Zell.
p.88, add:
v.c.12 - Longmoor, larvae f.c. on *Achillaea millefolium*, late June & early July (JRL, DHS), July, 1986, larvae (JMW).
550. *D. chaerophylli* Zell.
p.88, add:
v.c.11 - Kings Somborne, larvae on *Chaerophyllum* (DHS), 14.vii.79, several larvae taken and moths bred (BG); Dean, nr. Winchester, vii.79, larvae c. (DHS).
v.c.12 - Leckford, Harestock, vii.79, larvae c. in both localities (DHS); Itchen Valley, 19.iv.76, 5.v.76, at m.v.light (DWHF). See Goater (1983).
551. [*D. depressella* Hüb.]
p.88.
552. *Agonopterix heracliiana* (Linn.)
p.88, add:
v.c.10 - Landslip, Sept., 1980, three (EHW).
v.c.11 - Minstead, c. (LWS); Needs Ore Nature Reserve; Sparsholt; Winchester (DHS); Titchfield Haven L.N.R., 10.ix.86, one at m.v.light (PMP); Widley, nr. Portsmouth, 27.iv.86 (PMP); Oxenbourne Down, 14.iv.73 (RJD); Hayling Is., larvae v.c. (JMW).
v.c.12 - Overton; Oakley, occ. (AHD).
- Many other records from v.c.'s 11 and 12 (DHS).
553. *A. ciliella* (Stt.)
p.88, add:
v.c.11 - Botley Wood, 13.vii.76, two larvae on *Silaum* produced very dark, plain moths (DWHF); f.c., larvae in spun leaves of *Silaum* (JRL).
554. *A. cnicella* (Treits.)
p.88, add:
v.c.11 - Eastney, Southsea, 1975, larvae loc.c., bred. This site was destroyed in 1985 by Portsmouth City Council (JRL, DHS); Hayling Is., June 1986, larvae c. on *Eryngium maritimum*, Sandy Point (JMW).
555. *A. purpurea* (Haw.)
p.89, add:
v.c.11 - Hilsea, 30.vi.90, one larva on *Daucus*, moth bred (DHS).
v.c.12 - Leckford, 11.vii.87, one larva on *Daucus* - parasitised (JRL, DHS).
556. *A. subpropinquella* (Stt.)

- p.89, add:
v.c.11 - Sparsholt, 2.iii.79, one (DHS); Winchester, April, 1984 (WCNHS); Portsdown Hill, c.; Southsea, c. (JRL); Hayling Is., c. as larvae and at m.v.light (JMW, 1986).
557. *A. nanatella* (Stt.)
p.89.
558. *A. alstroemeriana* (Clerck)
p.89, add:
v.c.10 - St. Helens, 5.viii.87, larval feedings on *Conium* (JRL, ECP-C).
v.c.11 - Minstead, 1970 (LWS); Sparsholt, 1977, two; Winchester, 28 & 30.iii.78, 23.v.86, 19.iv.87, singletons at m.v.light (DHS); Wickham, v.c.; Southsea, v.c., larvae in rolled leaves of *Conium* (JRL).
v.c.12 - Overton, 29.ix.80, one in a Rothamsted trap; Oakley, 19.viii.83, one at m.v.light (AHD).
559. *A. propinquella* (Treits.)
p.89, add:
v.c.11 - Southsea, 28.vii.80, one hibernated specimen at m.v.light (JRL).
560. *A. arenella* (D. & S.)
p.90, add:
v.c.10 - Headon Warren, 26.viii.73, 7.viii.75, abdt. (CCS); Brighstone, 3.viii.87, one larva on *Arctium*; Ventnor, 2.viii.87, larvae on *Centaurea scabiosa* (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Ashurst, 3.vi.85, one (JRL); Sparsholt, bred from larvae on *Cirsium*; Dean, nr. Winchester, bred; Winchester, few at m.v.light each year (DHS); Botley Wood, 7.vi.84, one; Wickham, c.; Droxford, c.; Portsdown Hill, c., bred from *Centaurea* in July (JRL); Oxenbourne Down, 25.v. & 15.ix.73 (RJD); Hayling Is., larvae c., a few moths at m.v.light (JMW, 1986).
v.c.12 - Bramley, few; Overton, few (AHD).
561. *A. kaekeritziana* Linn.
= *litarella* (D. & S.)
p.90, add:
v.c.10 - CORRECTION: for (IWF) at end of para., read (IWG).
v.c.11 - Minstead, 1972, '73 (LWS); Ashurst, 3.vi.85, larvae c. on *Centaurea nigra* (JRL); Sparsholt, 19.viii.79, two after dark resting on *Centaurea*; Winchester, 8.viii.78 (DHS); Teg Down, Winchester, c., larvae on *Centaurea*, late May & June; Portsdown Hill, c. (JRL); Upham, 17.viii.75 (DWHF).
v.c.12 - Leckford, 7.vi.80, few (DHS).
562. *A. bipunctosa* (Curt.)
v.c.11 - Winchester, female, 19.vii.76, at light (Sterling, 1979, *Proc.Trans.Brit.ent.nat.Hist.Soc.* 12: 10, pl.2, fig.1); Teg Down, c., larvae on *Serratula tinctoria* (DHS); Botley Wood, f.c., larvae on *Serratula* (JRL).
v.c.12 - Leckford, larvae c. on *Serratula* (JRL, DHS), 14.vii.79, five by day amongst foodplant (BG). See Goater (1983).
add:
v.c.12 - Bartley Heath Reserve, Hook, Aug.1987, f.c. around *Serratula tinctoria*, det. DHS (AHD).
563. *A. pallorella* (Zell.)
p.90, add:
v.c.10 - Ventnor, 2.viii.87, larvae on *Centaurea scabiosa* (JRL, ECP-C).

564. *A. ocellana* (Fabr.)
p.90, add:
v.c.11 - Highcliffe (EHW); Balmer Lawn, Brockenhurst, 7.v.79, one; Sparsholt, 1976, one; Winchester, 27.iii.78 (DHS); Crab Wood, April, 1984 (WCNHS).
v.c.12 - Leckford, 28.vi.84, larvae on *Salix purpurea*; 30.v.88, larva on *S. alba* (DHS).
565. *A. assimilella* (Treits.)
p.91, add:
v.c.11 - Botley Wood, c.; East Meon, v.c., larvae between spun shoots of *Sarothamnus*, Dec. - May; Southsea, c.; Havant Thicket, c. (JRL); Bursledon, 9.iv.82, larvae (DHS); Oxenbourne Down, 25.vi.73, genitalia det. (RJD); Hayling Is., larvae c. on broom (JMW).
v.c.12 - Itchen Valley, 1975, larvae loc.c.; Armsworth, 1975 (DWHF); Silchester Common, 1985, larvae f.c.; Yateley Common, 1985, sc. (AHD).
566. *A. atomella* (D. & S.)
= *pulverella* (Hübner.)
p.91, add:
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 5.vi.85, many larvae on *Genista tinctoria* (JRL, DHS); Botley Wood, v.loc., larvae rather sc., in spun leaves of *G. tinctoria* in June (JRL).
567. *A. scopariella* (Hein.)
p.91, add:
v.c.11 - Botley Wood, larvae beaten from broom, 1.vii.78 during BENHS Field Meeting (Langmaid, *Proc. Trans. Brit. ent. nat. Hist. Soc.* 12: 71), c. (JRL, DHS).
v.c.12 - Itchen Valley, 20.iii.73, one at m.v.light (DWHF). See Goater (1983).
568. *A. ulicetella* (Stt.)
p.91, add:
v.c.11 - Denny Bog, c.; Winchester, 16.ix.80, one at m.v.light (DHS); Southsea, c. (JRL); Hayling Is., larvae c. (JMW, 1986).
v.c.12 - Yateley Common, 19.iv.86 (AHD); Longmoor, c., larvae in shoots of *Ulex europaeus* in July (JRL).
569. *A. nervosa* (Haw.)
p.91, add:

Common wherever *Ulex*, *Sarothamnus* or *Genista* grow. (JRL).
570. *A. carduella* (Hübner.)
p.92, add:
v.c.11 - Brockenhurst, two specimens recorded by Stephens (see Chalmers-Hunt, 1975, *Entomologist's Rec. J. Var.* 87: 279-280). See Goater (1983).
571. *A. liturosa* (Haw.)
p.92, add:
v.c.11 - Sparsholt, 14.viii.78; 29.vi.81, larvae; Teg Down, Winchester, bred from *Hypericum* (DHS); Droxford, f.c.; Exton, c., larvae in spun shoots of *H. perforatum*, May & June (JRL); Upham, 1975; Oxenbourne Down, 1973, c. (RJD).
v.c.12 - Winnall Moors Nature Reserve, 25.vii.87, a few at m.v.light (JRL, DHS); Armsworth, 1975 (DWHF); Overton, 15.viii.80 & 20. viii.81, at Rothamsted trap; Oakley, 20.viii.81, at house light (AHD).
572. *A. conterminella* (Zell.)
p.92, add:
v.c.11 - Crab Wood, 28.viii.84 (WCNHS); Emer Bog, 1978, two bred, 28.v.84, one bred & 18.vi.86, one bred; Browndown, 27.vii.79, three (DHS); Southsea, 14.vii.86, one at m.v.light (JRL).

v.c.12 - Leckford, 24.vii.80, one (DHS).

573. *A. curvipunctosa* (Haw.)
p.92.

574. *A. astrantiae* (Hein.)

v.c.11 - East Meon, 9.v.82, six larvae on *Sanicula europaea* (Langmaid, 1982, *Entomologist's Rec.J.Var.* 94: 182). See Goater (1983).

add:

v.c.11 - Larvae continue to be found fairly commonly in the same locality; the area is now owned by the Hampshire & Isle of Wight Naturalists' Trust.

575. *A. angelicella* (Hübner.)
p.92, add:

v.c.11 - Botley Wood, c.; Wickham, c.; Havant Thicket, c.; larvae often gregarious in bunched leaves of *Angelica* (JRL).

v.c.12 - Fullerton, 2.vi.75, one larva, moth bred (DWHF).

576. *A. yeatiana* (Fabr.)
p.92, add:

v.c.11 - Highcliffe (EHW); Winchester, one or two at m.v.light most years, after hibernation (DHS); Widley, nr. Portsmouth, 27 & 28.vi.86, sev. (PMP); Portsmouth, f.c.; Southsea, f.c.; Farlington Marsh, f.c.; larvae in spun leaves of *Daucus* in late June & July; Botley Wood, larvae sc. on *Silaum* (JRL); Hayling Is., f.c. (JMW, 1986).

577. *A. capreolella* (Zell.)
p.93, add:

v.c.10 - Ventnor, 2.viii.87, six larvae in folded radical leaves of *Pimpinella saxifraga*, six moths bred (JRL, ECP-C).

578. *A. rotundella* (Dougl.)
p.93.

ETHMIIDAE

579. *Ethmia dodecea* Haw.
p.93, add:

v.c.11 - Sparsholt, c., larvae on *Lithospermum officinale*, September (JRL, DHS); Winchester, 23.vii.77, 10.vii.88 (DHS).

580. [*E. funerella* (Fabr.)]
p.93.

581. *E. bipunctella* (Fabr.)
p.93, add:

v.c.11 - Highcliffe, 16.viii.83, one at m.v.light (Wild, 1983, *Entomologist's Rec.J.Var.* 95: 231); Winchester, 11.x.90, one resting on a post next to site where m.v.light was operated previous night (Sterling, 1991, *Entomologist's Gaz.* 42: 44).

582. *E. pusiella* (Linn.)
p.93.

GELECHIIDAE

583. *Metzneria littorella* (Dougl.)
p.93, add:
v.c.10 - Larvae still found commonly in *Plantago coronopus* in 1983 (JRL, DHS).
584. *M. lappella* (Linn.)
p.94, add:
v.c.11 - Sparsholt, 1979, many bred from *Arctium lappa*; Winchester, few most years at m.v.light (DHS); Portsdown, c. (JRL).
v.c.12 - Leckford, 19.vii.74, male caught by day (DWHF). NEW VCR.
585. *M. aestivella* (Zell.)
= *carlinella* (Stt.)
p.94, add:
v.c.10 - Brighstone Down, c. (JRL).
v.c.11 - Portsdown Hill, loc.f.c., larvae in seedheads of *Carlina* (JRL).
586. *M. metzneriella* (Stt.)
p.94, add:
v.c.11 - Ashurst, 19.vi.85, few by day; Sparsholt, 5.vii.80, one at m.v.light; Winchester, occ. at m.v.light (DHS); Teg Down, Winchester, v.c.; Botley Wood, v.c.; Southsea, v.c. (JRL); Portsdown Hill, 2.vii.75, sev. at m.v.light (RJD); Hayling Is., 2.vii.86, one at m.v.light (JMW).
v.c.12 - Leckford, v.c., larvae in seedheads of *Serratula*, *Centaurea nemoralis* and *C. nigra*, but not *C. scabiosa* (JRL).
587. [*M. neuropterella* (Zell.)]
p.94.

All specimens examined have proved to be *M. aprilella* (H.-S.), and not this species. See Goater (1983).
588. *M. aprilella* (H.-S.)

The records given under *M. neuropterella* (Zeller) in Goater (1974) all refer to *M. aprilella*, with the possible exception of the Minstead record, which has not been checked.
- v.c.11 - Southampton, 1.vii.71 (DJLA); Winchester, at m.v.light, 5.viii.81, 16 & 30.vi.82 (DHS); Portsdown Hill, c. (JRL).
v.c.12 - Itchen Valley (given as Winchester in Sattler, 1981, *Entomologist's Gaz.* 32: 87), 21.vii.70, 9.vii.71, 29.vi and 21.vii.72, 18 & 22.vi.73 and 20.v.74 (DWHF); these specimens in coll. Ffennell, Hope Department, University Museum, Oxford. Micheldever, one at m.v.light, 12.vi.70 in coll. Dixon, *teste* DJLA; Chilbolton Down and nearby lane verges, larvae in seed heads of *Centaurea scabiosa* (JRL). See Goater (1983).
add:
v.c.11 - Winchester, few at m.v.light most years (DHS).
589. *Paltodora cytisella* (Curt.)
p.94, add:
v.c.11 - Matley Passage, 11.vii.81 (DHS); Wickham, c.; Southsea, 25.vii.84, one at m.v.light (JRL).
v.c.12 - Harewood Forest, 2.viii.80 (JRL); Itchen Valley, 19.vii.76, one at m.v.light (DWHF).
590. *Isophrictis striatella* (D. & S.)
p.94, add:
v.c.11 - Winchester, 27 & 29.vii.83 and 3.viii.86, singletons at m.v.light (DHS);

Botley Wood, c. amongst *Achillaea ptarmica*; Southsea, 5.viii.79, moths f.c. by day, and bred from stems of *Tanacetum* (JRL, DHS).

591. *Apodia bifractella* (Dup.)
p.95, add:
v.c.10 - Compton, 26.viii.78, on heads of *Pulicaria dysenterica* (DHS).
v.c.11 - Highcliffe (EHW); Emer Bog, 30.vii.83, few (JRL, DHS); Ampfield, 1977, four; Botley Wood, Aug. 1978 & '79, c. (DHS); Portsdown Hill, larvae abdt. in seed heads of *Inula conyza* (JRL).
v.c.12 - Leckford, 6.ix.83, c.; Chilbolton, 29.vii.84, two (JRL, DHS).
592. *Eulamprotes atrella* (D.& S.)
p.95, add:
v.c.11 - Parkhill Inc., 4.viii.78, three; Winchester, 24.vi.78, 14.viii.81, 4.viii.84, 8.viii.85, singletons at m.v.light (DHS); Sparsholt, 11.vii.81 (JRL), 31.vii.82 (DHS).
v.c.12 - Leckford, 16.vii.86, one at m.v.light (DHS).
593. *E. unicolorella* (Dup.)
p.95, add:
v.c.11 - Sparsholt, 1981, three, 1982, two; Winchester, 28.vi.84, one at m.v.light (DHS); Botley Wood, 1.vii.78, genitalia det.; Wickham, 28.vi.86, one at m.v.light (JRL).
594. *E. wilkella* (Linn.)
p.95, add:
v.c.11 - Southsea, 29.vii.81, one at m.v.light (JRL). NEW VCR.
595. *Argolamprotes micella* (D.& S.)
v.c.11 - Winchester, 14.vii.87, one at m.v.light (DHS). NEW COUNTY RECORD.
596. *Monochroa tenebrella* (Hübner.)
p.95, add:
v.c.11 - Oxenbourne Down, 6.vii.85, one at m.v.light (JRL).
v.c.12 - Leckford, 26.vi.79 & 12.vii.81 (DHS). NEW VCR.
597. *M. lucidella* (Steph.)
p.95, add:
v.c.11 - Southsea, 11.vii.76, 14.vii.79 & 30.vii.85, two, 14.vii.86, one, at m.v.light (JRL); Farlington Marsh, 30.vi.88, many resting on heads of *Eleocharis* about 4 p.m.; easily disturbed (DHS).
598. [*M. palustrella* (Dougl.)]
p.95.
599. *M. hornigi* (Stdgr.)

The records from Southampton given under *M. elongella* are referable to this species. Pending critical examination of the material from Cracknore Hard, that species should be placed in square brackets.

- v.c.11 - Southampton, 17 & 19.vi.70 (Agassiz, 1982, *Entomologist's Rec.J.Var.* 94: 77).
v.c.12 - Itchen Valley, 28.vi.76, female at m.v.light det. J.D. Bradley. Sixth British record, all the other specimens having been taken in the grounds of Buckingham Palace (Ffennell, 1977, *Entomologist's Rec.J.Var.* 89: 105). See Goater (1983).

add:

- v.c.11 - Southsea, 29.vii.83, 29.vi.87, singletons at m.v.light, genitalia det. (JRL).

600. *M. suffusella* (Dougl.)
p.95, add:
v.c.11 - Matley Bog, 8.vi.81, c. (JRL).

601. [*M. elongella* (Hein.)]
p.96.

The presence of this species in the county requires confirmation.
See Goater (1983).

602. [*M. arundinetella* (Stt.)]
p.96.

603. *M. moyses* Uffen

v.c.11 - Farlington Marsh, 21.ix.89, vacated mines, 8.ix.90, tenanted mines on *Scirpus maritimus*, moths bred (JRL). NEW COUNTY RECORD.

604. *Chrysoesthia drurella* (Fabr.)
= *hermannella* auctt.

p.96, add:

v.c.11 - Emer Bog, 20.ix.81, many larvae on *Chenopodium* (JRL, DHS); Southsea, larvae v.loc. on *Chenopodium* (JRL). NEW VCR.

v.c.12 - Leckford, 1982, larvae c. on *Chenopodium* (JRL, DHS).

605. *C. sexguttella* (Thunb.)

p.96, add:

v.c.10 - St. Helens, larvae c. in leaves of *Chenopodium*, moths bred in 1978 (JRL).

v.c.11 - Eling, 1979, larvae on *Atriplex*, moths bred; Ampfield, 2.viii.78 (DHS); Southsea, larvae c.; Hayling Is., 31.v. & 2.vi.84 (JRL).

v.c.12 - Leckford, 9.viii.84, larvae (JRL, DHS).

606. *Ptocheuusa paupella* (Zell.)

p.96, add:

v.c.10 - Compton, 26.viii.78, four (DHS).

v.c.11 - Winchester, 16.viii.84 (DHS), 10.ix.84 (WCNHS); North Baddesley, 14.vii.79, one by day; Botley Wood, larvae c. in heads of *Pulicaria*, moths bred in 1977 & '82; Southsea, 5.viii.83, one at m.v.light (JRL).

607. *Psamathocrita argentella* P.& M.

p.96, add:

v.c.10 - Newtown, 12.vii.85 by R.P. Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 176). NEW VCR.

v.c.11 - Titchfield Haven, 1.vii.78, c. in early morning (Dickson, 1979, *Entomologist's Rec.J.Var.* 91: 286); Southsea, 24.vi.83, one at m.v.light, and singletons again on 18, 19 & 20.vi.89 (JRL); Hilsea, 8.vii.83, two at sunrise (JRL); Hayling Is., 13.vi.87, sev. flying over *Agropyron pungens* at about 4 p.m. (JRL, DHS).

608. *Aristotelia ericinella* (Zell.)

p.97, add:

v.c.10 - Headon Warren, 28.vii.75 (CCS).

v.c.11 - Common on all the New Forest heaths (DHS); Beaulieu Road, v.c.; Matley Bog, v.c.; Lyndhurst, v.c. (JRL); Minstead, 1974 (LWS); Battramsley, 18.vii.73, c. (RJD); Emer Bog, 6.viii.87, one by day (DHS).

609. *A. brizella* (Treits.)

p.97, add:

v.c.11 - Needs Ore Nature Reserve, 5.vi.85, a few; Bursledon salterns, c., bred from *Limonium*; Hayling Is., *Limonium* collected 28.i.84 produced moths in June (JRL, DHS).

610. *Stenolechia gemmella* (Linn.)
p.97, add:
v.c.11 - Sparsholt, 26.viii.84, one; Southsea, 27.viii.84, one at m.v.light (JRL).
v.c.12 - Harewood Forest, 2.ix.78, two; 4.ix.78, 8.ix.82 (DHS); 25.viii.80, two (JRL).
611. *Parachronistis albiceps* (Zell.)
p.97, add:
v.c.11 - Minstead, 1975 (LWS); Holmhill, 14.vii.79; Mallard Wood, 3.vii.82, two at m.v.light (DHS).
612. *Recurvaria nanella* (D.& S.)
p.97, add:
v.c.11 - Southsea, c. (JRL).
613. *R. leucatella* (Clerck)
p.97, add:
v.c.11 - Minstead, 1972 & '73 (LWS); Southsea, 31.vii.75 (JRL).
614. *Coleotechnites (Pulicalvaria) piceaella* (Kearfott)

v.c.11 - Winchester, 10.vii.83, 9.vii.84, singletons at m.v.light, both genitalia det. (Sterling, 1985, *Entomologist's Rec.J.Var.* 97: 139). NEW COUNTY RECORD.
615. *Exoteleia dodecella* (Linn.)
p.98, add:
v.c.11 - Denny Bog, 18.vi.77; Beaulieu Road, c.; Emery Down, c.; Botley Wood, 4.iv.83, two larvae; Havant Thicket, c.; bred from *Pinus sylvestris* (JRL, DHS); Winchester, 6.viii.84, 5.vii.85, 21.vi.88, singletons at m.v.light (DHS); Southsea, 7.vii.87, one at m.v.light (JRL).
v.c.12 - Bramshott Common, 8.iv.85, larvae, moths bred (JRL, DHS).
616. *Athrips (Rhynchopacha) tetrapunctella* (Thunb.)
p.98.
617. *A. (Rhynchopacha) mouffetella* (Linn.)
p.98, add:
v.c.11 - Parkhill Inc., 29.vii.78, two; Church Place Inc., 22.vii.79; Winchester, 4 & 9.viii.79 (DHS); Wickham, 30.vii.79 (JRL).
v.c.12 - Harewood Forest, 2.viii.80 (JRL).
618. *Xenolechia aethiops* (H.& W.)
p.98, add:
v.c.11 - Beaulieu Road Station, 28.iv.73, one on a pine trunk (RJD).
619. *Pseudotelphusa scalella* (Scop.)
p.98.
620. *Teleiodes vulgella* (Hübner.)
p.98, add:
v.c.11 - Mallard Wood, 3.vii.82; Sparsholt College, 14.vi.91, one at m.v.light (AHD); Sparsholt, 11.vii.81, 8.vii.84; Emer Bog, 9.viii.80, one; Winchester, few at m.v.light most years (DHS); Southsea, c. (JRL); Oxenbourne Down, 27.v.73, sev. by day (RJD).
v.c.12 - Stockbridge, 7.vii.85 (JRL, DHS).
621. *T. scriptella* (Hübner.)
p.98.

622. *T. decorella* (Haw.)
p.99, add:
v.c.11 - Highcliffe (EHW); Ladycross, 1.ix.79 (DHS); Hollands Wood, 20.iv.76, one at m.v.light (DWHF).
623. *T. notatella* (Hübner.)
p.99, add:
v.c.10 - Wood S. of Yarmouth, 31.vii.75 (CCS).
v.c.11 - Minstead, 1972 (LWS); Emer Bog, 27.ix.82, larvae on *Salix* (DHS); Wickham, 1976, one bred from *Salix*; 28.vi.86, one at m.v.light; Browndown, c., bred; Southsea, sc. (JRL).
624. *T. waga* Nowicki
v.c.11 - Botley Wood, 30.v.76, the first record from England (Langmaid, 1979, *Proc.Trans.Brit.ent.nat.Hist.Soc.* 12: 9); subsequently larvae found in August between spun leaves of *Corylus* (Langmaid, 1980, *Entomologist's Gaz.* 31: 253-254); Sparsholt, 11.vii.81, genitalia checked (JRL). See Goater (1983).
625. *T. proximella* (Hübner.)
p.99, add:
v.c.10 - Ryde, larvae on *Alnus cordata*, 21.ix.77, moths bred (Langmaid, 1978, *Entomologist's Rec.J.Var.* 90: 307). NEW VCR.
v.c.11 - Minstead, male 28.vii.72 by L.W. Siggs, originally identified by DWHF as *T. alburnella* (Zell.), is correctly placed here (DWHF); Parnholt Wood, c.; Sparsholt, 4.vi.79, 8.vii.84; Emer Bog, bred from larvae coll. 3.x.82; 1.vi.87, a few by day; Ampfield, 11.vi.78; Winchester, 25.viii.79 & 26.vii.80 (DHS); Braishfield, 25.viii.80, larvae c. on *Betula*, moths bred; Botley Wood, 1981, bred from *Betula*; West Walk, Wickham, 28.vi.86, one at m.v.light; Southsea, 18.vi.79 (JRL); Armsworth, 1975, one (DWHF).
626. *T. alburnella* (Zell.)
p.99, delete:
v.c.11 - Minstead, male taken by L.W. Siggs, 28.vii.72, genitalia examined (DWHF). See under *T. proximella*.
add:
v.c.11 - Emery Down, 14.vii.79; Southsea, 26.vi.76 (JRL); Winchester, 28.vii.78, 26.vii.80, 10.viii.81, 14.viii.87, singletons at m.v.light (DHS).
v.c.12 - Harewood Forest, 2.ix.78 (DHS); Itchen Valley, 12.vii.76, one at m.v.light (DWHF). NEW VCR.
627. *T. fugitivella* (Zell.)
p.99, add:
v.c.11 - Park Grounds, 1977, one; Sparsholt, 22.vii.78; Winchester, few most years at m.v.light (DHS); Southsea, v.c. (JRL); Armsworth, 1975, one (DWHF); Hayling Is., 1977 (JW).
v.c.12 - Leckford, 15.vi.78, one (DHS).
628. *T. paripunctella* (Thunb.)
p.99, add:
v.c.11 - Winchester, 29.vi.79; Browndown, 23.vi.79 (DHS); Botley Wood, 1.vii.78, few (JRL).
629. *T. luculella* (Hübner.)
p.99, add:
v.c.11 - Holmhill, 14.vii.79, two; Sparsholt, 8.vii.84, one; 15.x.85, one larva, moth bred; Emer Bog, 5.v.84, 22.vi.85, f.c.; Winchester, few at m.v.light in recent years (DHS); Ashurst, 3.vi.85, one; Botley Wood, c.; West Walk, Wickham, 28.vi.86, one at m.v.light; Southsea, 2.vii.76, 27.vi.86 (JRL); Havant Thicket,

- 24.x.82, two larvae on *Quercus*, moths bred (DHS); Hayling Is., 7.vi.86, one (JRL).
- v.c.12 - Harewood Forest, 20.vi.82, one (DHS); Silchester, 17.v.76, one by day (DWHF); Oakley, 10.vi.84, one at m.v.light Bramley Frith, 4.vii.91, two at m.v.light (AHD); Newtown Common, one em. from spongy gall collected 12.iii.88 (DHS).
630. *T. sequax* (Haw.)
p.100, add:
v.c.10 - Freshwater, Tennyson Down, 4.viii.87, sev.; Ventnor, 4.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Winchester, 10.vii.84, one at m.v.light (DHS). NEW VCR.
631. *Teleiopsis diffinis* (Haw.)
p.100, add:
v.c.10 - Headon Warren, 18 & 20.viii.73 (CCS). NEW VCR.
v.c.11 - Winchester, 29.viii.84, one at m.v.light, genitalia det. (DHS); Southsea, occ.(JRL); Hayling Is., 9.vi.79, f.c. (DHS).
632. [*Bryotropha basaltinella* (Zell.)]
p.100.
633. *B. umbrosella* (Zell.)
p.100.
634. *B. affinis* (Haw.)
p.100, add:
v.c.11 - Highcliffe (EHW); Winchester, few each year at m.v.light (DHS), 23.vii.84 (WCNHS); Southsea, c., genitalia checked (JRL); Hayling Is., 1986, sev. at m.v.light (JMW).
v.c.12 - Leckford, 8.viii.81, 16.vii & 13.viii.86, 5.viii.88, singletons at m.v.light (DHS).
635. *B. similis* (Stt.)
p.100, add:
v.c.11 - Ashurst, 12.vii.85, c. at m.v.light (ECP-C, DHS).
636. *B. mundella* (Dougl.)
p.100, add:
v.c.11 - Hayling Is., 9.vi.79 (DHS). NEW VCR.
637. *B. senectella* (Zell.)
p.100, add:
v.c.11 - Winchester, 19 & 29.vii.78, 16.vii.83 & 22.vii.86, and 11.vii.88, singletons at m.v.light, all genitalia det. (DHS); Wickham, 30.vii.77, genitalia det.; Soberton, 24.vii.81; Farlington Marsh, 15.vii.78, genitalia det. (JRL).
v.c.12 - Leckford, 11.vii.80, 6.vii.81, 14.vii.85, 31.vii.87, all genitalia det. (DHS); 19.viii.85, one (JRL); Winnall Moors, 25.vii.87, one at m.v.light (JRL, DHS).
638. *B. desertella* (Dougl.)
p.100, add:
v.c.11 - Hayling Is., 3.vi.78, two (DHS).
639. *B. terrella* (D. & S.)
p.101, add:
v.c.11 - Highcliffe (EHW); Broughton Down, c.; Botley Wood, c.; Droxford, c.; Southsea, c.; Havant Thicket, c. (JRL); Sparsholt; Winchester; Browndown (DHS); Hayling Is., 24.vi.86, one at m.v.light (JMW).

v.c.12 - Harewood Forest (DHS).

Numerous records throughout v.c.'s 11 & 12 (JRL, DHS).

640. *B. politella* (Stt.)

v.c.12 - Leckford, 7.vii.85, one female taken by day, genitalia det. and confirmed by K. Sattler, Brit.Mus.(Nat.Hist.). NEW COUNTY RECORD.

641. *B. domestica* (Haw.)

p.101, add:

v.c.11 - Highcliffe (EHW); Winchester, c. (DHS); Southsea, v.c. (JRL); Hayling Is., 10.viii.86, one at m.v.light (JMW).

v.c.12 - Leckford, 13.viii.86, a few at m.v.light (DHS).

642. *Chionodes fumatella* (Dougl.)

p.101, add:

v.c.11 - Winchester, 2.viii.91, one at m.v.light in garden, genit.det.(DHS). This is normally a species of coastal sandhills.

643. *C. distinctella* (Zell.)

p.101, add:

v.c.12 - Itchen Valley, loc.f.c. (DWHF). NEW VCR.

644. *Mirificarma mulinella* (Zell.)

p.101, add:

v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, larvae, 28.viii.84; Emer Bog, 30.viii.86, one at m.v.light, genitalia det.; Winchester, 25.viii.79, 28.viii.87 (DHS); Portsmouth, c.; Southsea, sc.; Havant Thicket, c. (JRL); Hayling Is., 1975, larvae c. on *Sarothamnus* (DWHF), larvae in leaves of *Lupinus arboreus*, moths bred (JRL).

645. *M. lentiginosella* (Zell.)

p.101, add:

v.c.11 - Thorns Beach, 1975, larvae f.c., moths bred (DWHF); Needs Ore Nature Reserve, 28.viii.84 & 5.vi.85, larvae v.c. (JRL, DHS); Botley Wood, 20.v.76, two larvae on *Genista tinctoria*, moths bred (DWHF), larvae c. (JRL, DHS).

v.c.12 - Woodmancott, 1975, larvae f.c., moths bred (DWHF). NEW VCR.

646. *Aroga velocella* (Zell.)

p.102, add:

v.c.11 - New Forest, 1962 (CWM-P, det. DJLA); Park Grounds, 1977, one; Winchester, 8.viii.79 & 29.vii.80; Browndown, 27.vii.79, two (DHS); Southsea, 5.vii.75, 30.vii.81, 29.vii.81 & 11.viii.86; Oxenbourne Down, 5.vii.75 (JRL).

647. *Neofaculta ericetella* (Hübner)

p.102, add:

v.c.11 - Southsea, 10.vii.85, one at m.v.light (JRL).

648. *Neofriseria singula* (Stdgr)

p.102, delete:

v.c.11 - Browndown, 27.vii.69 (DJLA).

649. *Gelechia rhombella* (D.& S.)

p.102, add:

v.c.11 - Lyndhurst, 5.vi.85, larva on *Malus sylvestris*, moth bred (JRL); Church Place Inc., 7.viii.80, one; Sparsholt, 28.ix.82, 8.vii.85, singletons; Winchester, 1977, three, 29.vii.78, three, at m.v.light (DHS); Curbridge, 14.viii.74 (RJD).

v.c.12 - Newtown Common, 25.viii.86, one (JRL, DHS). NEW VCR.

650. *G. sororculella* (Hübner.)
p.102, add:
v.c.11 - Pig Bush, c. (JRL); Mallard Wood, 3.vii.82, one; Parkhill Inc., 29.vii.78, two; Emer Bog, 30.viii.86, one at m.v.light; Winchester, 1977, 6.viii.78 & 19.vii.84, singletons (DHS); Havant Thicket, 16.vii.77 (JRL).
651. *G. nigra* (Haw.)
p.102, add:
v.c.10 - Calbourne, bred from larvae on *Populus nigra*, 4.vii.87 by E.F. Hancock (Agassiz, 1989, *Entomologist's Rec.J.Var.* 101: 147).
v.c.11 - Portsmouth, 29.v.83 & 31.v.84, larvae between spun leaves of *Populus nigra*, moths bred (JRL).
652. *G. turpella* (D.& S.)
p.102.
653. *Platyedra subcinerea* (Haw.)
p.103, add:
v.c.11 - Winchester, 26.x.84, 27.v.87, singletons (DHS); Portsmouth, v.c.; Southsea, v.c., larvae in unripe seeds of *Malva sylvestris* in late July, and hibernated moths c. at m.v.light in May (JRL); Hayling Is., 26.v.76 (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 76), 27.vi.86, one at m.v.light (JMW). NEW VCR.
654. *Pexicopia malvella* (Hübner.)
p.103, add:
v.c.11 - Winchester, 14.vii.78 & 29.vii.83, singletons at m.v.light; Browndown, 18.vii.79 (DHS); Southsea, 6.vii.77 (JRL).
655. *Scrobipalpa suaedella* (Rich.)
p.103.
656. *S. samadensis* (Pfaff.)
p.103, add:
v.c.11 - Southsea, 26.viii.84, genitalia det. (JRL).
657. *S. instabilella* (Dougl.)
p.103, add:
v.c.11 - Needs Ore Nature Reserve, 14.vii.82, many at m.v.light, genitalia det. (DHS); Bursledon, 9.iv.82, larvae v.c. in leaves of *Halimione*, moths bred; Southsea, 22.v.77, 9.vii.82, 17.viii.87, genitalia det., checked and confirmed by K. Sattler (JRL).
658. *S. salinella* (Zell.)
p.103, add:
v.c.10 - Newtown, 4.viii.87 (JRL). NEW VCR.
v.c.11 - Winchester, 18.vi.84, one at m.v.light (DHS); Southsea, 10.vii.80 & 26.viii.82; Hayling Is., 1.ix.84, one; all genitalia det. (JRL). NEW VCR.
659. *S. ocellatella* (Boyd)
p.103, add:
v.c.10 - St. Lawrence, 1978, numbers bred from *Beta maritima*; Bembridge, 1977, bred in quantity from *B. maritima* (DHS).
v.c.11 - Southsea, v.c., larvae in shoots of *B. maritima*, April-May; Hayling Is., abdt. (JRL).
660. *S. nitentella* (Fuchs)
p.103, add:
v.c.11 - Eling, larvae in *Atriplex*, 21.vii.79, many bred; moths c. in June 1980, genitalia

checked (DHS); Portsmouth, v.c.; Southsea, occ. at m.v.light, genitalia checked; Farlington Marsh, v.c. at m.v.light, and bred from *Suaeda maritima* and *Atriplex littoralis* (JRL).

661. *S. obsoletella* (F.v R.)
p.104, add:
v.c.11 - Southsea, a few in vii.1982, genitalia checked (JRL). See Goater (1983).

add:
v.c.11 - Southsea, 18.vii.84, genitalia checked (JRL).
662. *S. atriplicella* (F.v R.)
p.104, add:
v.c.10 - Headon Warren, 7.viii.75 (CCS).
v.c.11 - Braishfield, 18.vii.78, three; Winchester, 12.viii.80, genitalia det. (DHS); Southsea, 16.viii.87, one at m.v.light (JRL).
v.c.12 - Armsworth, 1975 (DWHF).
663. *S. costella* (H.& W.)
p.104, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 26.viii.84, few; Winchester, few at m.v.light most years (DHS); Curbridge, 20.viii.85, c. at m.v.light; Portsmouth, c.; Southsea, c. (JRL).
v.c.12 - Leckford, 12.viii.82 (DHS); Armsworth, 1975 (DWHF).
664. *S. acuminatella* (Sirc.)
p.104, add:
v.c.10 - Tennyson Down, 4.viii.87, larvae in *Carduus nutans* (JRL, ECP-C).
v.c.11 - Sparsholt, 31.vii.82, few at m.v.light; Winchester, few at m.v.light every year (DHS); Old Winchester Hill, 6.v.76; Portsmouth, 3.vi.79; Southsea, 17.viii.85, one at m.v.light (JRL); Titchfield Haven, 4.vi.72; Oxenbourne Down, three at m.v.light (RJD); Portsdown Hill, 9.vii.87 and Horsea Is., 10.x.85, larvae in leaves of *Cirsium acanthoides* (JRL, DHS).
v.c.12 - Leckford, 12.v.74, two at m.v.light (WRLG), c., larvae making irregular blotches in leaves of *Cirsium vulgare* (JRL).
665. *S. stangei* (Her.)

v.c.10 - Yarmouth, vii.1882, 2 specimens in Brit.Mus.(Nat.Hist.) coll. (Sattler, 1987, *Proc.Trans.Brit.ent.nat.Hist.Soc.* 20: 53). NEW TO BRITAIN.
666. *Scrobipalpula tussilaginis* (Frey)

v.c.11 - Milford-on-Sea, 7.xi.87, larvae in leaves of *Tussilago farfara* (JRL), 24.xi.87, larvae in same locality (DHS). An illustrated description of this species, together with an account of its discovery in Britain, is given by Pelham-Clinton (1989, *Entomologist's Gaz.* 40: 103-108, figs.1, 2, Pl.8). NEW COUNTY RECORD.
667. *Caryocolum vicinella* (Dougl.)
v.c.11 - Southsea, c., larvae in spun flowering shoots of *Silene maritima*, 25.v.81, moths bred (JRL, DHS). See Goater (1983).

add:
v.c.11 - Southsea site now destroyed to make space for a caravan park (JRL).
668. *C. alsinella* (Zell.)

- f. *semidecandrella* (Threl.)
 p.104, add:
 v.c.11 - Hayling Is., 1975, larvae c., moths bred (DWHF), larvae c. on *Cerastium semidecandrum*, mid-May (JRL), 1986, larvae c. on both *C. semidecandrum* and *C. holosteoides* (JRL, DHS).
669. *C. marmoreum* (Haw.)
 p.104, add:
 v.c.11 - Southsea, 8.ix.87, one at m.v.light (JRL).
670. *C. fraternella* (Dougl.)
 p.105, add:
 v.c.11 - Winchester, 2.viii.82, one at m.v.light, genitalia det.; Botley Wood, 24.viii.78 (DHS), v.c., larvae in spun shoots of *Stellaria graminea*, mid-April (JRL).
 v.c.12 - Leckford, 14.viii.87, one at m.v.light (DHS); Stockbridge Down, f.c., larvae in shoots of *Cerastium arvense* (JRL).
671. *C. blandella* (Dougl.)
 p.105.
672. *C. tricolorella* (Haw.)
 p.105, add:
 v.c.11 - Highcliffe (EHW); Braishfield; Emer Bog, 5.v.84, 25.v.86, empty spinings (DHS); Botley Wood, c.; East Meon, c., Upham, c., larvae in shoots of *Stellaria holostea* in March (JRL).
673. *C. blandulella* (Tutt)
 p.105, add:
 v.c.11 - Hayling Island: there are in fact four of W.H.B. Fletcher's specimens from here, dated 1891, in coll. Brit.Mus. (Nat.Hist.) (see Chalmers-Hunt, 1981, *Entomologist's Rec.J.Var.* 93: 24). See Goater (1983).
674. [*C. huebneri* (Haw.)
 = *knaggsiella* (Stt.)]
 p.105.
- The identity of the only recorded Hampshire specimen is queried by Chalmers-Hunt (*Entomologist's Rec.J.Var.* 87: 280), and pending further investigation or new discoveries the species is placed in square brackets. *C. knaggsiella*, recorded as a separate species in Goater (1974), was considered dubious at the time.
675. *Reuttia subocellea* (Steph.)
 p.105, add:
 v.c.11 - Winchester, 24.vii.83, two at m.v.light; Pitt Down, cases on *Origanum* most years, moths bred in 1984 & '85; Farlington Marsh, 27.vii.87, one swept from *Mentha aquatica* (DHS); Southsea, 25.vii.83, one at m.v.light (JRL).
676. *Sophronia semicostella* (Hübner.)
 p.105, add:
 v.c.11 - Sparsholt, 5.vii.80, one at m.v.light; Winchester, 14.vii.83, one at m.v.light (DHS).
 v.c.12 - Leckford, 12.vii.79, one by day (DHS).
677. *Aproaerema anthyllidella* (Hübner.)
 p.105, add:
 v.c.10 - Ventnor, 26.iv.79 (DHS), 2.viii.87, one at m.v.light; Afton Down, 3.viii.87, a few by day (JRL, ECP-C).
 v.c.11 - Highcliffe (EHW); Winchester, 18.ix.85 & 7.viii.86, singletons at m.v.light

(DHS); Portsdown Hill, larvae c. on *Anthyllis*; Southsea, v.c., larvae on *Medicago* and *Trifolium* (JRL).

678. *Syncopacma larseniella* Gozm.

v.c.11 - Wickham, 19.vii.75, genitalia checked (JRL). See Goater (1983).

add:

v.c.11 - Ashurst, 3.vi.85, larvae c. on *Lotus uliginosus*, moths bred (JRL); Ampfield, three moths bred from larvae on *Lotus* sp. coll. June 1979, em. 5-8.viii.79 (DHS); Botley Wood, 27.v.90, larvae on *Lotus uliginosus*, moths bred (JRL).

679. *S. taeniolella* (Zell.)

p.106, add:

v.c.11 - Ashurst, 3.vi.85, larvae c. on *Lotus corniculatus*, moths bred (JRL), 3.viii.85, one moth (DHS); Broughton Down; Farley Mount, 1977; Sparsholt, c. (DHS); Droxford, c.; Oxenbourne Down, c. (JRL).

v.c.12 - Leckford, 19.viii.78, one (JRL).

680. *S. albipalpella* (H.-S.)

p.106.

681. [*S. cinctella* (Clerck)]

p.106.

This species can only be separated from *S. larseniella* by examination of the genitalia (see Heckford, 1982, *Entomologist's Rec.J.Var.* 94: 132-133). D.J.L. Agassiz has examined his specimen from Chilbolton and found it to be *S. taeniolella* (Zeller). As far as is known, no definite *S. cinctella* has been recorded from the area under review. See Goater (1983).

682. *Acanthophila alacella* (Zell.)

p.106, add:

v.c.11 - Parkhill Inc., 29.vii.78, one at sugar (JRL).

683. *Anacampsis populella* (Clerck)

p.106, add:

v.c.10 - Wood S. of Yarmouth, 2.viii.75 (CCS).

v.c.11 - Matley Bog, c.; Needs Ore Nature Reserve, 5.vi.85, larvae c.; Sparsholt, c. (DHS); Emer Bog, May 1984, larvae c.; Botley Wood, c.; Wickham, c.; Brown-down, 24.viii.86, one; Portsmouth, v.c.; Southsea, c., Havant Thicket, c. (JRL).

v.c.12 - Harewood Forest, f.c. (DHS).

684. *A. blattariella* (Hübner)

p.107, add:

v.c.11 - Parkhill Inc., 1977 & '78; Ladycross, 31.viii.79, few; Sparsholt, 17.viii.78, c. by day amongst *Betula*; Emer Bog, 4.ix.86, one; Winchester, 1976 (DHS); Wickham, f.c.; Havant Thicket, f.c. (JRL).

v.c.12 - Harewood Forest, f.c. (JRL).

685. *Acompsia cinerella* (Clerck)

p.107, add:

v.c.11 - Sparsholt, 9.vii.78, two & 8.vii.84, one; Winchester, 1978, two at m.v.light (DHS).

v.c.12 - Abbotstone Down, 20.vi.82, one by day (DHS); West Tisted, 20.vi.87, one by day (JRL).

686. *Anarsia spartiella* (Schrank)

p.107, add:

v.c.10 - Tennyson Down, 30.vii.75 (CCS).

- v.c.11 - Highcliffe (EHW); Denny Bog, 11.vii.79; Matley Bog, 11.vii.81; Winchester, 1977, at m.v.light (DHS); Botley Wood, c., larvae on *Ulex*, *Sarothamnus* and *Genista*; Southsea, c. (JRL); Hayling Is., 1.vii.86, one at m.v.light (JMW).
687. *A. lineatella* Zell.
p.107.
688. *Hypatima rhomboidella* (Linn.)
p.107, add:
v.c.10 - Wood S. of Yarmouth, 2.viii.75 (CCS).
v.c.11 - Sparsholt, f.c. (DHS); Emer Bog, 1984 (WCNHS).
v.c.12 - Harewood Forest, Sept. 1979, f.c. (DHS), 25.viii.80, c. (JRL); Bartley Heath Reserve, Hook, 1987, sc. (AHD).
689. *Psoricoptera gibbosella* (Zell.)
p.108, add:
v.c.11 - Highcliffe (EHW); Ladycross, 1979, two; Matley Bog, 11.viii.79 (DHS).
v.c.12 - Harewood Forest, 28.ix.79 (DHS), 25.viii.80 & 1.viii.81 (JRL); Leckford, 14.viii.80, two & 12.viii.82 (DHS).
690. *Telephila schmidtellus* (Heyd.)
p.108, add:
v.c.11 - Farley Mount, 11.vi.88, over a dozen larvae in spinings on *Origanum*, mostly bred successfully (JRL, DHS); Oxenbourne Down, 24.vii.73 (RJD), 2.viii.75 (JRL).
691. *Dichomeris marginella* (Fabr.)
p.108, add:
v.c.11 - Highcliffe (EHW); Winchester, few at m.v.light every year (DHS); Old Winchester Hill, c., larval webs on *Juniperus*, moths bred; Southsea, f.c. (JRL); Hayling Is., 26.vii.77 (JMW).
692. *D. fasciella* (Hüb.)
p.108.
693. *Brachmia blandella* (Fabr.)
= *gerronella* (Zell.)
p.108, add:
v.c.10 - Wood S. of Yarmouth, 28.vii.74 (CCS).
v.c.11 - Highcliffe (EHW); Minstead, 29.vii.74 (LWS); Denny Bog, 1977; Holmhill, 25.vii.79 & 10.vii.85; Needs Ore Nature Reserve, 14.vii.82, a few; Emer Bog, one bred from *Cirsium* coll. 31.1.87; Winchester, few at m.v.light every year (DHS); Sparsholt College, 22.vii.91, one at m.v.light (AHD); Rhinefields, one bred from a gall on a twig of *Abies grandis*; Wickham; Southsea, 17.vii.84 & 25.vii.85, singletons at m.v.light (JRL); Oxenbourne Down, 24.vii.73, female taken at dusk (RJD).
v.c.12 - Winnall Moors, 22.vii.83, 25.vii.87, few at m.v.light (JRL, DHS); Itchen Abbas, 1977, a few (DHS); Bramley Frith, 4.vii.91, one at m.v.light (AHD).
694. *B. rufescens* (Haw.)
p.108, add:
v.c.11 - Highcliffe (EHW); Sparsholt College, 1987-'88, f.c. at m.v.light (AHD); Winchester, few each year at m.v.light (DHS); East Meon, c.; Portsdown Hill, c.; Portsmouth, c.; Southsea, f.c. (JRL); Oxenbourne Down, c. (RJD).
v.c.12 - Winnall Moors, 13.viii.88, one at m.v.light (JRL); Oakley, 19.vii.84, one at m.v.light (AHD).
695. *Oegoconia quadripuncta* (Haw.) *sens.str.*
p.109, add:
v.c.10 - Brook Down, 29.vii.75 (CCS); Ventnor, 2.viii.87, genitalia checked (ECP-C).

- v.c.11 - Highcliffe (EHW); Romsey, 14.viii.78, det. DJLA (AHD); Sparsholt College, 28.vii.91, one in Rothamsted trap (AHD); Winchester, 25.vii.79, 28.vii.83, 26.vii.84, 2.viii.87, singletons at m.v.light (DHS), 25.viii.84, det. DHS (WCNHS); Southampton, 20.viii.68, genitalia rechecked (DJLA); Southsea, v.c., genitalia det. (JRL); Hayling Is., 17.viii.86, one at m.v.light (JMW).
- v.c.12 - Oakley, 27.viii.83, det. DJLA (AHD). NEW VCR.

696. [*O. deauratella* (H.-S.)]

p.109, delete:

- v.c.11 - Southampton, 20.viii.68, genitalia checked (DJLA). This specimen has been re-examined and assigned to *O. quadripuncta*. The record from Minstead in Goater (1974) should be placed in square brackets; thus the presence of *O. deauratella* in the county requires confirmation.

BLASTOBASIDAE

697. *Blastobasis lignea* Wals.

p.109, add:

- v.c.10 - Freshwater, 24.vii.74 and late July 1975, abdt. (CCS).
- v.c.11 - Highcliffe (EHW); Matley Bog, 11.viii.79; Winchester, c. at m.v.light; Brown-down, 26.vii.79 (DHS); Upham, c. (DWHF); Southsea, abdt.; Oxenbourne Down, abdt.; Havant Thicket, v.c., bred from bird droppings (JRL); Little Butser Hill, Aug. 1977, nine (AHD).
- v.c.12 - Leckford, 16.vii.86, one at m.v.light (DHS); Itchen Valley, 1975, sev. at m.v.light, increasing (DWHF); Bramley, 1979, f.c. at m.v.light (AHD).

Known to be widespread and increasing throughout the county - many records (DHS).

698. *B. phycidella* (Zell.)

p.109.

STATHMOPODIDAE

699. *Stathmopoda pedella* (Linn.)

p.109, add:

- v.c.11 - Emer Bog, 1.vii.87, two beaten from alders (DHS).
- v.c.12 - Leckford, 28.vi.81 & 9.vii.86, singletons beaten from *Alnus* by day (DHS), 10.vii.86, another specimen (JRL).

MOMPHIDAE

700. *Batrachedra praeangusta* (Haw.)

p.109, add:

- v.c.11 - Highcliffe (EHW); Ladycross, 31.viii.79, two; Matley Bog, 11.viii.79, two; Emer Bog, 23.vii.86, one by day; Teg Down, Winchester, 16.ix.79; Winchester, occ. at m.v.light, sev. in June & July 1986 (DHS); Botley Wood, 23.vii.77 & 24.viii.86; Portsmouth, c.; Southsea, f.c. (JRL).
- v.c.12 - Leckford, 4.vi.83, one larva, moth bred (DHS); Northington, 16.vi.75, one beaten out by day (DWHF).

701. *B. pinicolella* (Zell.)

p.110, add:

- v.c.11 - Sparsholt, 24.vii.77; Winchester, 18.vii.83, one & 22.vii.86, three, all genitalia det. (DHS); Emery Down, 14.vii.79, c.; Southsea, 14.vii.84, and taken regularly since; Havant Thicket, 16.vii.77 (JRL).
- v.c.12 - Leckford, 11.vii.87, one at m.v.light (DHS).

702. *Mompha langiella* (Hübner.)
 = *epilobiella* (Roem.)
 p.110, add:
 v.c.11 - Fletchwood Copse, nr. Ashurst, 11.viii.88, sev. cocoons at end of mines in *Circaea lutetiana*, six moths bred (JRL, DHS).
703. *M. terminella* (H. & W.)
 p.110, add:
 v.c.11 - Fletchwood Copse, nr. Ashurst, 11.viii.88, one empty mine in *Circaea lutetiana* (JRL, DHS); Winchester, 10.vii.86, one at m.v.light (DHS).
 v.c.12 - Leckford, 1981-'84, many bred, larvae f.c. in leaves of *Circaea*, late Aug. (JRL, DHS); Itchen Valley, 1975, larvae v.loc.c., moths bred (DWHF). NEW VCR.
704. *M. locupletella* (D. & S.)
 p.110, add:
 v.c.11 - Emer Bog, 5.v.86, few mines on *Epilobium obscurum*, two moths bred; 23.vii.86, many mines, a number of moths bred; Havant Thicket, 17.iv.87, two larval mines in *E. montanum*, one moth bred (JRL, DHS).
705. *M. raschkiella* (Zell.)
 p.110, add:
 v.c.11 - Broughton Down, 1.viii.81, mines; Sparsholt, 1978, three; Winchester, 14.viii.86, 12.viii.87, 28.viii.88, singletons at m.v.light (DHS); Marwell Park, nr. Winchester, 6.vii.80, mines (FHNS); Teg Down, Winchester, c.; Droxford, c.; Southsea, f.c. (JRL).
 v.c.12 - Leckford, 5.x.74, many larvae mining leaves of *Chamaenerion angustifolium* (DWHF).
706. *M. miscella* (D. & S.)
 p.110, add:
 v.c.10 - Shanklin, 1984 (JMC).
 v.c.11 - Broughton Down, 26.v.86, larvae; Teg Down, Winchester, 29.vi.79, one bred from *Helianthemum*; 31.v.86, sev. larvae (DHS); Stephens Castle Down, c., bred from *Helianthemum* (JRL).
 v.c.12 - Leckford, 12.viii.75, few by day (DWHF), 9.vi.79, five by day, larvae c. most years (DHS); Wheatham Hill, Liss, c. (JRL).
707. *M. conturbatella* (Hübner.)
 p.111, add:
 v.c.11 - Broughton Down, 26.v.86, larvae in shoots of *Epilobium* (JRL, DHS); Sparsholt, 23.vi - 9.vii.78, sev. fresh specimens resting on *Epilobium*; Winchester, 1977, two at m.v.light (DHS); Wickham, f.c.; East Meon, sc., larvae in shoots of *Epilobium*. (JRL).
708. *M. ochraceella* (Curt.)
 p.111, add:
 v.c.11 - Highcliffe (EHW); Mottisfont, 12.vii.80 (FHNS); Sparsholt, 8.vii.84, one; Winchester, 18.vii.83, one at m.v.light (DHS); Southwick, c., larvae on *Epilobium hirsutum* (JRL).
 v.c.12 - Leckford, 8.vii.84, many at dusk beside river (DHS).
709. *M. lacteella* (Steph.)
 p.111, add:
 v.c.11 - Winchester, 2.vii.85, 29.vi.87, 24.vi.88, one or two at m.v.light, genitalia det. (DHS); Upham, 1975, one at m.v.light (DWHF).
 v.c.12 - Itchen Valley, 16.vi.76, one at m.v.light (DWHF). NEW VCR.

710. *M. propinquella* (Stt.)
p.111, add:
v.c.11 - Highcliffe (EHW); Winchester, 12.ix.87, one, and 24.vi.88, two, at m.v.light, all genitalia det. (DHS); Southsea, 14.viii.81, 27.viii.84 and occasionally at m.v.light since (JRL).
711. *M. divisella* H.-S.
p.111.
712. *M. subbistrigella* (Haw.)
p.111, add:
v.c.11 - Highcliffe (EHW); Crab Wood, June 1984; Winchester, 23.vi.84 (WCNHS); Winchester, few every year at m.v.light (DHS); Upham, 1975 (DWHF); Ashurst, 3.vi.85; Botley Wood, 7.vi.84; Droxford, c.; Southsea, abdt. (JRL).
713. *M. epilobiella* (D. & S.)
= *fulvescens* (Haw.)
p.112, add:
v.c.11 - Highcliffe (EHW); Ashurst, c., larvae in shoots of *Epilobium hirsutum*; Botley Wood, c.; Southsea, 3.viii.77 and regularly since (JRL).
v.c.12 - Leckford, 22.iv.73, two flying in a thatched fishing hut beside river (WRLG), moths & larvae seen most years, 1981 - '88; Winnall Moors, 11.viii.83, sev. (DHS).
714. [*Cosmopterix zieglerella* (Hübner.)
p.112.
715. *C. orichalcea* Stt.
= *drurella* auctt.
p.112, add:
v.c.12 - Leckford, Sept.1987, larvae v.loc.c. on *Phalaris arundinacea*; in 1988, larvae found only in these same areas, although foodplant is abdt. in many others; most larvae make hibernating cocoon in mine, but a few leave mine and use rolled or spun dead leaves; moths bred successfully (JRL, DHS). NEW VCR.
716. *C. lienigiella* Lien.
p.112, add:
v.c.11 - Browndown, Oct. 1982, sev. larvae (JRL), 5.xi.83, one mine, moth bred (DHS).
v.c.12 - Leckford, 30.x.88, mines f.c. on *Phragmites*, moths em. during May 1989 (DHS). NEW VCR.
717. *Limnaecia phragmitella* Stt.
p.112.
718. *Pancalia leuwenhoekella* (Linn.)
p.112, add:
v.c.11 - Broughton Down, 3.vii.83, one; 26.v.86, very many (JRL, DHS); Farley Mount, 1977, '78 & '88; Sparsholt, seen most years; Winchester, 1977, at m.v.light (DHS); Old Winchester Hill, c.; Droxford, c. (JRL); Oxenbourne Down, c. (RJD).
719. [*P. latreillella* Curt.]
p.113.
720. *Glyphipteryx lathamella* (Fletcher.)
p.113.

721. *G. linneella* (Clerck)
p.113, add:
v.c.11 - Southsea, 3.viii.82, 10.vii.87, singletons at m.v.light (JRL).
v.c.12 - Northington, 1975, loc.f.c. on tree trunks by day (DWHF). NEW VCR.
722. *Spuleria flavicaput* (Haw.)
p.113, add:
v.c.11 - Lyndhurst, 5.vi.85, one by day (JRL, DHS); Pitt Down; Botley Wood; Portsdown Hill; Brownwich; Farlington; Oxenbourne Down, mines c. in hawthorn twigs (RJD); Wickham, sc.; Southsea, sc.; Havant Thicket, 26.v.75 (JRL); Farlington Marsh, 2.vi.84, sev. (DHS).
v.c.12 - Overton, 1980-'81, larvae sc. on *Crataegus* (AHD); Noar Hill, spring 1972, mines in *Crataegus* (RJD).
723. *Blastodacna hellerella* (Dup.)
p.113, add:
v.c.11 - Highcliffe (EHW); Sparsholt; Winchester, sev. at m.v.light every year (DHS); Southsea, c. (JRL); Oxenbourne Down, 24.vi.72, one at m.v.light (RJD).
v.c.12 - Leckford, 18.vi.76, one by day (DWHF), 12.vii.79 (JRL).
724. *B. atra* (Haw.)
p.113, add:
v.c.11 - Winchester, 27.viii.81, 25.vii.83, 26.vii.86, 15.vii.87, singletons at m.v.light, genitalia det. (DHS); Southsea, f.c., genitalia checked (JRL).
725. *Dystebenna stephensi* (Stt.)
p.113.
726. *Sorhagenia rhamniella* Zell.
p.113, add:
v.c.11 - Winchester, 2.viii.91, one at m.v.light in garden, genit.det. (DHS).
PRESENCE IN COUNTY CONFIRMED.
727. *S. lophyrella* (Dougl.)
p.114, add:
v.c.11 - Winchester, 22.vii.77, 31.vii.80, 18.vii.87, singletons at m.v.light, all genitalia det. (DHS); Wickham Common, c., larvae on *Frangula*; Droxford, abdt., larvae on *Rhamnus* (JRL). NEW VCR.
v.c.12 - Leckford, 11.vii.87, one at m.v.light, genitalia det. (DHS).
728. *S. janiszewskae* Riedl
p.114, add:
v.c.11 - Lyndhurst, 4.vi.75; Wickham, 6.vi.75, larvae v.c., moths bred (DWHF); Matley Bog, 8.viii.87, one by day, genitalia checked (JRL); Mallard Wood, 7.viii.79, one by day, genitalia checked (DHS); Emer Bog, 4.x.87, sev. larvae in shoots of *Frangula*, one moth bred and genitalia det. (JRL, DHS); Southsea, 29.vii.83, one at m.v.light, genitalia det. (JRL).

SCYTHRIDIDAE

729. *Scythris grandipennis* (Haw.)
p.114, add:
v.c.11 - Highcliffe (EHW), larvae c. (JRL); Denny Bog, 1977, one by day (DHS); Emer Bog, 5.iv.81, one larva; Wickham Common, c., larvae in webs on *Ulex minor* (JRL); Browndown, 23.vi.73, det. ES Bradford (RJD).
v.c.12 - Bartley Heath Reserve, Hook, 18.vi.86 (AHD). NEW VCR.
730. *S. crassiuscula* (Hübner)
= *fletcherella* Meyr.
p.114, add:

- v.c.11 - Oxenbourne Down, 9.vii.73, female at m.v.light (RJD). NEW VCR.
 v.c.12 - Leckford, 18.vi.76, sev. by day (DWHF), 1978-'86, occasional specimens in late June and July, genitalia det. (JRL, DHS).

731. *S. picaepennis* (Haw.)

p.114, add:

- v.c.11 - Broughton Down, c. (DWHF), 3.vii.83, twelve taken, genitalia det.; Sparsholt, 2.vi.82, genitalia det. (DHS).
 v.c.12 - Leckford, 11.vii.80, 12.vii.81 & 7.vii.85, two, all genitalia det. (DHS), 7.vii.85, one, genitalia det. (JRL).

732. *S. empetrella* Karsh. & Niel.

= *variella* (Steph.)

p.114, add:

First British record, June 1834, near Lyndhurst; new to science (see Chalmers-Hunt, 1975, *Entomologist's Rec. J. Var.* 87: 279).

COCHYLIDAE

733. *Hysterosia inopiana* (Haw.)

p.167, add:

- v.c.10 - Freshwater, 20.vii.74; Freshwater Marsh, 21.vii.74; Newtown, 26.vii.74 (CCS).
 v.c.11 - Ladycross, 13.viii.80, two (DHS); Sparsholt College, 1987, at m.v.light (AHD); Winchester, 10.vi.84 (WCNHS); Botley Wood, sc.; Southsea, 6.viii.79, 5.vii.88; Farlington Marsh, 15.vii.78 (JRL), 30.vi.88, a few; Waltham Chase, 5.viii.79; Browndown, 27.vii.79 (DHS); Curbridge, 13.vii.73 (RJD).
 v.c.12 - Stockbridge, 19.vii.88, a few at m.v.light (DHS); Winnall Moors, 25.vii.87, few, and 13.viii.88, one (JRL, DHS).

734. *H. sodaliana* (Haw.)

p.168, add:

- v.c.11 - Sparsholt College, 1987, one at m.v.light (AHD); Teg Down, Winchester, 1984 & '85, sev. larvae in *Rhamnus* berries, three bred; Winchester, 4.vii.77, three; 13.vii.79, 28.vi.86, 7.vii.87, singletons at m.v.light (DHS); Oxenbourne Down, 22.vi.73 (RJD), 6.vii.75 (JRL).
 v.c.12 - Leckford, 3.ix.86, few larvae in *Rhamnus* berries (DHS).

735. *Hysterothra maculosana* (Haw.)

p.168, add:

- v.c.11 - Botley Wood, 20.iv.74, two by day over bluebells (RJD), 2.vi.79, five (DHS), sc. (JRL).

736. *Phtheochroa rugosana* (Hübner)

p.168, add:

- v.c.11 - Highcliffe (EHW); Sparsholt College, 23.vi.86 (AHD); Winchester, a few most years at m.v.light (DHS); Droxford, 9.vi.79 (JRL); Titchfield Haven L.N.R., eight at m.v.light during June & July, 1987; Widley, nr. Portsmouth, 18.vi.86 (PMP); Wascombe Bottom, Oxenbourne Down, 24.vi.72, one at m.v.light (RJD); Hayling Is., few at m.v.light every year (JMW, 1986). NEW VCR.
 v.c.12 - Leckford, 9.vii.78, 11.vii.87, 11.vi.88 (DHS); Overton, 1980, five; 1981, three, in Rothamsted trap (AHD).

737. *Phalonidia manniana* (F.v R.)

p.168, add:

- v.c.11 - Winchester, 23.vii.85, one at m.v.light (DHS).
 v.c.12 - Winnall Moors, 25.vii.87, few at dusk (JRL, DHS), one em. from stems of *Mentha aquatica* coll. 14.ii.88 (DHS).

738. *P. vectisana* (H.& W.)
p.168, add:
v.c.10 - Newtown, 25.vii.74, 25.vii.75 (CCS), 4.viii.87, two; St. Helens, 5.viii.87, one (JRL, ECP-C).
v.c.11 - Curbridge, 14.viii.74 (RJD); Bursledon, c.; Portsmouth, loc. abdt.; Southsea, c.; Hayling Is., 31.v.84 & 2.vi.84, sev. by day (JRL, DHS).
739. *P. alismiana* (Rag.)
p.168, add:
v.c.11 - Otterbourne, 1975, one at dusk (DWHF).
740. *P. luridana* (Greg.)
p.169, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 31.vii.82, one at m.v.light; Teg Down, Winchester, c. (JRL, DHS); Winchester, few each year at m.v.light in garden (DHS).
741. *P. affinitana* (Dougl.)
p.169, add:
v.c.11 - Winchester, 24.viii.84, one, and 14.viii.87, nine at m.v.light (DHS); Hayling Is., 31.v.84, two and 7.vi.86, one, by day (JRL).
742. *Stenodes straminea* (Haw.)
p.169, add:
v.c.11 - Sparsholt College, 1987, one at m.v.light (AHD); Teg Down, Winchester, 29.viii.79, few; 16.vi.82, one; Winchester, occ. at m.v.light in garden (DHS); Portsdown, 28.vi.75 (RJD), 23.v.81, one (JRL, DHS); Southsea, c. (JRL).
v.c.12 - Winnall Moors, 13.viii.88, one at m.v.light (JRL, DHS).
743. *Agapeta hamana* (Linn.)
p.169, add:
v.c.10 - Freshwater, 20.viii.73; Brook Down, 28.viii.73 (CCS); Shanklin, c. (JMC).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Church Place Inc., and many other places in the New Forest; Needs Ore Nature Reserve; Sparsholt; Emer Bog; Teg Down, St. Catherines Hill and other localities in and around Winchester; Browndown (DHS); Curbridge (RJD); Titchfield Haven L.N.R., 30.vi.87, one at m.v.light; Widley, nr. Portsmouth, 1986 (PMP); Botley Wood, c.; Southsea, c. (JRL); Portsdown, c.; Oxenbourne Down, c. (RJD); Hayling Is., c. (JMW, 1986).
v.c.12 - Leckford, c.; Stockbridge, c. (JRL, DHS); Bramley, f.c.; Overton, c. (AHD).
744. *A. zoegana* (Linn.)
p.169, add:
v.c.10 - Tennyson Down, 4.viii.87, one by day; Ventnor, 3.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Emer Bog; Farley Mount; Teg Down, Dean, St. Catherines Hill and other localities in and around Winchester; Botley Wood; Browndown (DHS); Portsdown Hill, f.c. (RJD); Sparsholt, f.c.; West Walk, Wickham, 8.vi.86, one at m.v.light; Oxenbourne Down, f.c. (JRL); Widley, nr. Portsmouth, f.c. (PMP, 1986); Hayling Is., c. (JMW, 1986).
v.c.12 - Overton, few (AHD).
745. *Aethes tesserana* (D.& S.)
p.170, add:
v.c.10 - Tennyson Down, 6.viii.87, f.c. (JRL, ECP-C); Shanklin (JMC).
v.c.11 - Highcliffe (EHW); Teg Down, Winchester; Hayling Is, few in 1979, '86 & '87 (DHS).
v.c.12 - Chilbolton (JRL, DHS).
746. [*A. rutilana* (Hübner.)]
p.170.

747. *A. hartmanniana* (Clerck)
p.170, add:
v.c.10 - Freshwater Marsh, 21.vii.74; Compton Bay, 27.vii.75 (CCS).
v.c.11 - Broughton Down, 3.vii.83, genitalia checked (JRL).
748. *A. williana* (Brahm)
p.170, add:
v.c.11 - Hurst Castle, 4.vi.85, few by day (JRL), 6.vi.88, one by day (DHS).
749. *A. cnicana* (Westw.)
p.171, add:
v.c.11 - Sparsholt; Emer Bog; Winchester (DHS); Botley Wood, c.; Wickham, c.; Southsea, 12.vii.82, one at m.v.light (JRL); Oxenbourne Down, few (RJD).
v.c.12 - Leckford (DHS); Bartley Heath Reserve, Hook, 1987, sc. (AHD).
750. *A. rubigana* (Treits.)
p.171, add:
v.c.11 - Holmhill, 25.vii.79; Sparsholt, many bred from heads of *Arctium lappa* coll. 25.ix.85; Winchester (DHS); Southsea, 26.vii.80 (JRL).
v.c.12 - Leckford, bred from heads of *A. lappa* coll. 25.ix.84 & 27.ix.85 (DHS).
751. *A. smeathmanniana* (Fabr.)
p.171, add:
v.c.10 - Ventnor, 6.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Ladycross; Denny Bog; Emer Bog; Winchester; Browndown (DHS); Upham, 17.viii.75 (DWHF); Portsmouth, v.c.; Southsea, v.c. (JRL); Hayling Is., c. (JMW).
v.c.12 - Leckford, 24.v.84, two at m.v.light (DHS); Armsworth, 14.viii.75 (DWHF); Overton, 1980, four & 1981, three, in Rothamsted trap (AHD).
752. *A. margaritana* (Haw.)
p.171, add:
v.c.11 - Southampton Common, series bred July, 1948 (Fassnidge, 1949, *Entomologist's Rec.J.Var.* 60: 115).
753. *A. dilucidana* (Steph.)
p.171, add:
v.c.10 - Freshwater, 20.vii.74 (CCS).
v.c.11 - Highcliffe (EHW); Farley Mount, 1.viii.77, three: Teg Down, Winchester, larvae c. in stems of *Pastinaca*; one moth netted, 15.vii.81 (DHS); Portsdown Hill, larvae v.c. in stems of *Pastinaca* (JRL); Oxenbourne Down, 24.vii.73, one at dusk, genitalia checked (RJD).
v.c.12 - Leckford, 28.vii.73, one by day (WRLG); Overton, 1980, six; 1981, eight, in Rothamsted trap (AHD).
754. *A. francillana* (Fabr.)
p.172, add:
v.c.11 - Winchester, 21.vii.77; Browndown, 26.vii.79; Southsea, 5.viii.79, two (DHS), stems of *Daucus* coll. Oct. 1975 produced one moth, but many bred from stems coll. 28.iii.82 & 4.iv.83 (JRL, DHS).
755. *A. beatricella* (Wals.)
p.172, add:
v.c.11 - Olivers Battery, Winchester, 1983, bred from *Conium* (DHS); Southsea, larvae v.loc.c. in stems of *Conium* (JRL).
756. *Commophila aeneana* (Hübner.)
p.172, add:
v.c.11 - Botley Wood, v.loc.f.c. in wide grassy ride between conifer plantations on 13 &

20.vi.76 (Langmaid, 1976, *Entomologist's Rec.J.Var.* 88: 239), but not seen since (JRL).

757. *Eupoecilia angustana* (Hübner.)
p.172, add:
v.c.10 - Headon Warren, 7.viii.75, c. (CCS).
v.c.11 - Highcliffe (EHW); New Forest heaths, v.c. (JRL); Sparsholt; Emer Bog; Teg Down, Winchester, f.c. (DHS); Southsea, c.; Oxenbourne Down, c. (JRL); Portsdown Hill, few (RJD); Hayling Is., 1.vi.86, one at m.v.light (JMW).
v.c.12 - Overton, 1980, five; 1981, six, in Rothamsted trap (AHD).
758. *E. ambiguella* (Hübner.)
p.172, add:
v.c.11 - Matley Bog, 30.vii.84, few larvae, two moths bred (DHS), 5.vi.85, one netted after dark; 17.viii.85 & 28.vii.86, many larvae (JRL, DHS); Lyndhurst, 19.vi.75, four flying by day and after sundown (DWHF).
v.c.12 - Newtown Common, 16.viii.87, sev. larvae in berries of *Frangula*, one moth bred; Aug.1988, larvae less common (DHS). NEW VCR.
759. *Cochylidia implicitana* (Wocke)
p.172, add:
v.c.11 - Southsea, 21.viii.76, and a few most years subsequently (JRL); Hayling Is., 17.viii.86, one at m.v.light (JMW).
760. *C. heydeniana* (H.-S.)
p.173.
761. [*C. subroseana* (Haw.)]
p.173.
762. *C. rupicola* (Curt.)
p.173, add:
v.c.12 - Leckford, c. among clumps of *Eupatorium* away from river side; Winnall Moors, Winchester, 28.vii.90, one at dusk (DHS).
763. *Falseuncaria ruficiliana* (Haw.)
p.173, add:
v.c.11 - Teg Down, Winchester, c. flying at dusk over *Primula veris*, mid-May and late July, 1979; many bred in July 1980 from *P. veris* capsules collected 8.vi.80 (Sterling, 1981, *Entomologist's Rec.J.Var.* 93: 10); Winchester, 28.vii.87, one in garden m.v.light trap (DHS).
764. *Cochylis roseana* (Haw.)
p.173, add:
v.c.10 - St. Lawrence, 1978, over 50 bred from *Dipsacus* heads (DHS).
v.c.11 - Highcliffe (EHW); Winchester, 13.vii.83 (WCNHS); Horsea Is., 10.x.85, larvae in teasel heads (JRL, DHS).
765. *C. flaviciliana* (Westw.)
p.173, add:
v.c.10 - Freshwater, 20.vii.74; Headon Warren, 7.viii.75 (CCS).
v.c.11 - Minstead, 27.vii.76 (LWS); Winchester, 24.vii.76 (DHS).
v.c.12 - Itchen Valley, 4.vii.75, one at m.v.light (DWHF).
766. *C. dubitana* (Hübner.)
p.174, add:
v.c.11 - Winchester, occ. at light; Browndown, 26.vii.79, six (DHS); Southsea, 21.viii.75, two, 9.vii.82, one, at m.v.light (JRL).

767. *C. hybridella* (Hübner.)
 p.174, add:
 v.c.10 - Tennyson Down, 20.vii.85 by R.P. Knill-Jones (Agassiz, 1987, *Entomologist's Rec.J.Var.* 99: 178); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
 v.c.11 - Portsdown Hill, 16.vii.71, one at m.v.light (RJD).
 v.c.12 - Oakley, 28.vii.84, one at m.v.light (AHD).
768. *C. atricapitana* (Steph.)
 p.174, add:
 v.c.10 - Shanklin, 13.viii.85, one at m.v.light (JMC).
 v.c.11 - Highcliffe (EHW); Denny Bog, 11.viii.79 (DHS); Upham, 1975 (DWHF); Titchfield Haven L.N.R., 20.viii.86, one at m.v.light (PMP); Southsea, 19.v.84, 7.v.88, singletons at m.v.light (JRL); Farlington Marsh, 18.vii.80, one (DHS); Hayling Is., f.c. (JMW, 1986).
769. *C. nana* (Haw.)
 p.174, delete:
 v.c.11 - Minstead, 27.viii.68 (LWS).
- add:
 v.c.11 - Highcliffe (EHW); Denny Bog, 18.vi.77, two ; Sparsholt, 8.vii.85, one; Emer Bog, May & June 1986, and June 1987, a few; Winchester, 21.vi.87, one at m.v.light (DHS); Sparsholt College, 1987, f.c. at m.v.light (AHD); Pig Bush, c.; Botley Wood, c.; Wickham, c.; Havant Thicket, c. (JRL).

TORTRICIDAE

770. *Pandemis corylana* (Fabr.)
 p.150, add:
 v.c.10 - Shanklin, 1984 (JMC).
 v.c.11 - Highcliffe (EHW); Sparsholt, c.; Winchester, c.; Botley Wood, c.; Wickham, c.; Portsmouth, c.; Southsea, c.; Havant Thicket, c. (JRL); Chandlers Ford, c. (BG); Curbridge, c.; Oxenbourne Down, c. (RJD); Hayling Is., f.c. (JMW, 1986).
 v.c.12 - Harewood Forest, c. (DHS); Pamber (BG).

Generally common in wooded areas in v.c.'s 11 & 12 (JRL, DHS).

771. *P. cerasana* (Hübner.)
 p.150, add:
 v.c.10 - Ventnor, 6.viii.87, one at m.v.light (JRL, ECP-C); Shanklin, c. (JMC).
 v.c.11 - Highcliffe (EHW); Emer Bog, c.; Dean, nr. Winchester, c.; Winchester, c. (DHS); Emery Down (JEC); Sparsholt, c.; Botley Wood, v.c.; Droxford, v.c.; Southsea, c.; Havant Thicket, v.c.; Oxenbourne Down, c. (JRL); Chandlers Ford, c. (BG); Curbridge, c.; Portsdown Hill (RJD); Widley, nr. Portsmouth, c. (PMP, 1986); Hayling Is., f.c. (JMW, 1986).
 v.c.12 - Harewood Forest, c. (JRL); Pamber, 11.vii.80, c. (BG); Oakley, June 1984, few at m.v.light (AHD).

Generally common in wooded areas in v.c.'s 11 & 12 (JRL, DHS).

772. *P. cinnamomeana* (Treits.)
 p.151, add:
 v.c.11 - Highcliffe (EHW); Emery Down (JEC); Parkhill Inc.; Mallard Wood; Sparsholt; Emer Bog; Winchester, singletons at m.v.light in 1982 & '83, two in 1987 (DHS); Chandlers Ford, few at light, 1991 (BG); Botley Wood, f.c.; Wickham, c.; Southsea, 16.x.88, one at m.v.light (JRL); Oxenbourne Down, 25.vii.76, two (RJD).

773. *P. heparana* (D.& S.)
 p.151, add:
 v.c.10 - Wood S. of Yarmouth, 22.vii.74 (CCS); Shanklin, c. (JMC).
 v.c.11 - Highcliffe (EHW); Sparsholt, c.; Winchester, c.; Botley Wood, c.; Brown-down, c. (DHS); Chandlers Ford, sev., 1991 (BG); Curbridge, c.; Portsdown Hill, f.c. (RJD); Widley, nr. Portsmouth, 1984-'86, f.c. (PMP); Southsea, abdt.; Havant Thicket, c.; Oxenbourne Down, c. (JRL); Hayling Is., c. (JMW, 1986).
 v.c.12 - Leckford, f.c. (DHS).

Generally common in most areas in v.c.'s 11 & 12 (JRL, DHS).

774. *Argyrotaenia ljugiana* (Thunb.)
 = *pulchellana* (Haw.)
 p.151, add:
 v.c.11 - Highcliffe (EHW); New Forest heaths, v.c.; Emer Bog (DHS); Southsea, 22.vi.76; Oxenbourne Down, c. (JRL).

775. *Archips oporana* (Linn.)
 p.152, add:
 v.c.12 - Woolmer Forest (Adkin, R., 1888, *Ent.Mo.Mag.* 25: 160). NEW VCR.

776. *A. podana* (Scop.)
 p.152, add:
 v.c.10 - Freshwater, 20.vii.74 (CCS); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); Shanklin (JMC).
 v.c.11 - Highcliffe (EHW); Parkhill Inc., c.; Holmhill, c.; Botley Wood, c.; Brown-down, c.; Winchester, c. (DHS); Chandlers Ford, 1991, c. (BG); Curbridge, c.; Portsdown Hill (RJD); Wickham, v.c.; Droxford, c.; Portsmouth, v.c.; Southsea, v.c.; Havant Thicket, c.; Oxenbourne Down, c. (JRL); Widley, nr. Portsmouth, July, 1986, f.c. (PMP); Hayling Is., c. (JMW, 1986).
 v.c.12 - Harewood Forest, c.; Leckford, 29.vi.78, and a few in subsequent years (DHS); Pamber, 11.vii.80, f.c. (BG).

Generally common in wooded areas in v.c.'s 11 & 12 (JRL, DHS).

777. *A. crataegana* (Hübner.)
 p.152, add:
 v.c.10 - Shanklin, 13.viii.83 (JMC).
 v.c.11 - Holmhill, 10.vii.85, sev. at m.v.light; Sparsholt, at m.v.light in July; Winchester, few at m.v.light in garden (DHS); Southsea, 22.vi.82, one at m.v.light (JRL).
 v.c.12 - Leckford, 25.vi.88, one at m.v.light (DHS); Pamber, 11.vii.80, sev. at m.v.light (BG).

778. *A. xylosteana* (Linn.)
 p.152, add:
 v.c.10 - Shanklin, 15.vii.83 (JMC).
 v.c.11 - Highcliffe (EHW); Emery Down, c. (JEC); Sparsholt; Ampfield; Winchester, c.; Botley Wood, c. (DHS); Chandlers Ford, 4.vii.91, one at light (BG); Curbridge, c.; Portsdown Hill, 3.vii.75 (RJD); Wickham, v.c.; Havant Thicket, c. (JRL).
 v.c.12 - Harewood Forest, c. (DHS); Overton, f.c.; Bramley, c. (AHD).

Generally common in wooded areas in v.c.'s 11 & 12 (JRL, DHS).

779. *A. rosana* (Linn.)
 p.153.

780. *Choristoneura diversana* (Hübner.)
 p.153, add:
 v.c.11 - Botley Wood, 1.vii.78, one at m.v.light during BENHS. Field Meeting

- (Langmaid, 1979, *Proc.Brit.ent.nat. Hist.Soc.* 12: 71). NEW VCR.
v.c.12 - Newtown Common, 30.vi.88, one by day (DHS).
781. *C. hebenstreitella* (Müll.)
p.153, add:
v.c.11 - Needs Ore Nature Reserve, 14.vii.82, few; Sparsholt, few at m.v.light most years; Emer Bog, f.c. in late June & July; Winchester, 1.vii.79, 16.vi.82; Botley Wood, f.c. (DHS); Armsworth, 1975, c. at m.v.light (DWHF); Curdridge, f.c.; West Walk, Wickham, 28.vi.80, few at m.v.light; Southsea, occ. (JRL).
v.c.12 - Harewood Forest, f.c. (DHS); Pamber, 11.vii.80, f.c. at m.v. light (BG).
782. *Cacoecimorpha pronubana* (Hübner.)
p.153, add:
v.c.10 - Shanklin; St. Helens (JMC).
v.c.11 - Highcliffe (EHW); Emery Down, 1978 (JEC); Woodley, nr. Romsey, c. in garden (AHD); Winchester, f.c. (DHS); Chandlers Ford, f.c. by day, 1991 (BG); Titchfield Haven L.N.R., 29.ix.86, one at m.v.light; Widley, nr. Portsmouth, v.c. (PMP, 1986); Portsdown Hill, c.; Portsmouth, c.; Southsea, abdt., polyphagous, even on *Ulex*; Farlington Marsh, 27.viii.79, larval spinning (JRL); Hayling Is., 1975, one bred from *Lupinus arboreus* (DWHF), v.c. (JMW, 1986).
v.c.12 - Itchen Valley, 30.ix.76, one at m.v.light (DWHF).
783. *Syndemis musculana* (Hübner.)
p.153, add:
v.c.11 - New Forest, generally common; Broughton Down; Parnholt Wood, 8.v.80, sev.; Sparsholt, c.; Emer Bog, f.c.; Teg Down, Winchester, 1979, a few (DHS); Bishops Waltham, c.; Botley Wood, c.; Wickham, c.; Curdridge, c.; Droxford, c.; Browndown, c.; Havant Thicket, c. (JRL); Upham, 1975 (DWHF); Widley, nr. Portsmouth, occ. (PMP, 1986); Oxenbourne Down, c. (RJD); Hayling Is., c. (JMW, 1986).
v.c.12 - Harewood forest, a few (DHS); Armsworth, 1975 (DWHF); Bartley Heath Reserve, Hook, 1987, sc. (AHD).
784. *Ptycholomoides aeriferanus* (H.-S.)
p.154, add:
v.c.10 - Shanklin, 10.vii.82 (JMC). NEW VCR.
v.c.11 - Highcliffe (EHW); Parkhill Inc., f.c. (JRL); Sparsholt, July 1979 & '84, c.; Winchester, few each year at m.v.light (DHS); Chandlers Ford, 29.vii.91, one at light (BG); Hayling Is., a few at m.v.light every year (JMW).
v.c.12 - Harewood Forest, 17.vii.79, a few (DHS), 2.viii.80 (JRL).
785. *Aphelia viburnana* (D. & S.)
p.154, add:
v.c.11 - Highcliffe (EHW); still common in all the New Forest bogs (JRL, DHS); Emer Bog, 14.vii.79, sev. by day (BG).
786. *A. paleana* (Hübner.)
p.154, add:
v.c.11 - Emer Bog, 28.vi.87, one by day; Teg Down, Winchester, larvae f.c. on *Plantago*; Winchester, f.c. (DHS); Southsea, 7.vii.79 (JRL).
v.c.12 - Leckford, 24.vii.80, one (DHS); Overton, 26.vii.81, one at m.v.light (AHD).
787. *Clepsis senecionana* (Hübner.)
p.154.
788. [*C. rurinana* (Linn.)]
p.154.

789. *C. spectrana* (Treits.)
 p.155, add:
 v.c.10 - Newtown, 25.vii.74 (CCS); Bembridge, 28.ix.85 (JRL).
 v.c.11 - Sparsholt; Winchester, f.c. (DHS); Droxford, v.c.; Browndown, c.; Portsmouth, v.c.; Southsea, c. (JRL).
 v.c.12 - Winnall Moors, f.c. (DHS).
790. *C. consimilana* (Hübner.)
 p.155, add:
 v.c.10 - Freshwater, 18.viii.73 (CCS); Ventnor, Aug.1987, f.c. (JRL, ECP-C).
 v.c.11 - Highcliffe (EHW); Matley Bog, 10.vii.81; Holmhill, 10.vii.85; Church Place Inc., 22.vii.79, a few; Winchester, c.; Dean, nr. Winchester, 21.vii.79; Botley Wood, 1.vii.78 (DHS); Wickham, abdt.; Southsea, abdt. (JRL); Widley, nr. Portsmouth, July 1986, sev. (PMP); Curbridge, c.; Oxenbourne Down (RJD); Hayling Is., f.c. (JMW).
 v.c.12 - Bartley Heath Reserve, Hook, 1987, sc. (AHD).
791. *Epiphyas postvittana* (Walk.)
 p.155, add:
 v.c.10 - Osborne, 13.ix.91, one (SAK-J). NEW VCR.
 v.c.11 - Winchester, 27.x.77, 26.x & 2.xi.78, 1.x.81, not seen since (DHS), 28.x.78 (S. Pittis, comm. DHS), 4.vii.84 (WCNHS); Chandlers Ford, 17.ix.91, one at light (BG); Southsea, 18.vii.79, Aug.'81, sev. in 1982 and c. since 1983 (JRL); Hayling Is., Nov.1985, one at m.v.light (JMW).
792. *Adoxophyes orana* F.v R.
 v.c.11 - Southsea, singletons at m.v.light 19, 22 & 23.viii.83 (Langmaid, 1984, *Entomologist's Rec.J.Var.* 96: 82); 22-26.viii.84, four, but not again until 1.ix.91 (JRL). NEW COUNTY RECORD.
793. *Ptycholoma lecheana* (Linn.)
 p.155, add:
 v.c.11 - Highcliffe (EHW); Pig Bush, c. (JRL); Sparsholt, c.; Emer Bog, few in 1984, '85 & '87; Winchester, 11.vi.78, one bred from cultivated *Rosa*; West Walk, Wickham, 22.vi.79, f.c. (DHS); Botley Wood, c.; Droxford, f.c.; Portsmouth, f.c.; Southsea, f.c. (JRL).
 v.c.12 - Harewood Forest, 22.vi.83 (DHS); Armsworth, 1975, two bred *ex larvis* on *Quercus* (DWHF); Oakley, May, 1984, larvae c. on *Corylus* and *Tilia* (AHD).
794. *Lozotaenioides formosanus* (Gey.)
 p.156, add:
 v.c.10 - Parkhurst Forest, 10.vii.88, c. among conifers; Godshill, 12 & 27.vii.86 (PJC). The only previous record is from Freshwater, 1950 (BG).
 v.c.11 - Highcliffe (EHW); Parkhill Inc., 4.viii.78; Holmhill, 25.vii.79; Winchester, few each year, 1976-'86 (DHS); Emery Down (JEC); Farley Mount, 14.vii.80 (FHNS); Chandlers Ford, sev. at light in 1991 (BG); Botley Wood, f.c.; Wickham, f.c.; Southsea, occ.; Havant Thicket, f.c. (JRL); Widley, nr. Portsmouth, 1984-'86, f.c. (PMP); Oxenbourne Down, 24.vii.73 (RJD); Hayling Is., f.c. (JMW, 1986).
 v.c.12 - Leckford, 8.viii.81, one at m.v.light (DHS); East Stratton, 12.vii.88, one at m.v.light (BI-J); Abbotstone Down, 13.vii.81 (FHNS); Overton, 1980 & '81, six each year (AHD).
795. *Lozotaenia forsterana* (Fabr.)
 p.156, add:
 v.c.10 - Shanklin, 3.vii.83 (JMC).
 v.c.11 - Highcliffe (EHW); Emery Down (JEC); Sparsholt, 1984 (WCNHS); Winchester, c. (DHS); Chandlers Ford, few at light in 1991 (BG); Titchfield

- Haven L.N.R., 7.vi.87, one at m.v.light; Widley, nr. Portsmouth, 20.vii.84 (PMP); Hayling Is., c. (JMW).
- v.c.12 - Leckford, 30.vi.79 & 26.vii.86, at m.v.light; 30.v.88, larval feedings (DHS); Crawley, occ. (RAB); Overton, 1981, two; Bartley Heath Reserve, Hook, 1987, v.c. (AHD).
796. *Epagoge grotiana* (Fabr.)
p.156, add:
v.c.11 - Parkhill Inc., f.c.; Holmhill, 25.vii.79, two; Mallard Wood, 3.vii.82, two (DHS); West Walk, Wickham, 3.viii.74, one resting by day on bracken (RJD); Wickham, c.; Southsea, occ. (JRL).
v.c.12 - Pamber, 11.vii.80, one at m.v.light (BG).
797. *Capua vulgana* (Fröl.)
p.156, add:
v.c.10 - Shanklin, 4.vii.83 & 8.vii.83, two (JMC). NEW VCR.
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 5.vi.85; Sparsholt, c.; Emer Bog, 24.v.78, 3.viii.82, 1.viii.87; Winchester, a few most years at m.v.light; Botley Wood, f.c. (DHS); Wickham, c.; West Meon, 1.vi.85; Havant Thicket, c. (JRL).
v.c.12 - Harewood Forest, c. (JRL); Leckford, 29.v.78 (DHS).
798. *Ditula angustiorana* (Haw.)
p.157, add:
v.c.10 - Freshwater; wood S. of Yarmouth; Brighstone Forest; Newtown (CCS); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); Shanklin, 20.vi.84 (JMC).
v.c.11 - Highcliffe (EHW); New Forest, c. (DHS); Emery Down (JEC); Sparsholt; Dean, nr. Winchester; Teg Down; Winchester (DHS); Curbridge, c. (RJD); Botley Wood, c.; Wickham, c.; Southsea, v.c.; Havant Thicket, v.c.; Oxenbourne Down, c. (JRL); Hayling Is., c. (JMW).
v.c.12 - Harewood Forest, c. (JRL); Oakley, c. (AHD); Pamber, 11.vii.80 (BG).
- Generally common throughout v.c.'s 11 & 12 (DHS).
799. *Pseudargyrotoza conwagana* (Fabr.)
p.157, add:
v.c.10 - Tennyson Down, 27.vii.78, abdt. (CCS), 4.viii.87, c.; Brading Down, 5.viii.87, one (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Sparsholt, c.; Dean, nr. Winchester; Teg Down, Winchester (DHS); Botley Wood, c.; Curbridge (RJD); West Walk, Wickham, c.; Southsea, c. (JRL); Widley, nr. Portsmouth, early July 1986, two caught (PMP); Hayling Is., 1985, a few at m.v.light (JMW).
v.c.12 - Leckford, c.; Stockbridge Down, c. (JRL); Oakley, 1984, four at m.v.light; Bartley Heath Reserve, Hook, 1987, occ. (AHD).
- Generally common throughout v.c.'s 11 & 12 (DHS).
800. *Sparganothis pilleriana* (D. & S.)
p.157, add:
v.c.10 - Freshwater Marsh, 27.ix.86 (PJC).
v.c.11 - Still occurs in Denny and Matley Bogs, but not in numbers (DHS).
801. *Olindia schumacherana* (Fabr.)
p.157, add:
v.c.11 - Sparsholt, 6.vii.79, c. by day; 8.vii.84 & 8.vii.85, few at m.v.light (DHS).
v.c.12 - Leckford, 28.vi.81, one (DHS).
802. *Isotrias rectifasciana* (Haw.)
p.158, add:
v.c.11 - Dean, nr. Winchester, 21.vii.79, one; Winchester (DHS); Upham, 1975

- (DWHF); West Meon, 1.vi.85, sev. by day; Portsdown Hill, 30.v.74 (JRL).
v.c.12 - Leckford, f.c. in 1978 & '79 (DHS).
803. *Eulia ministrana* (Linn.)
p.158, add:
v.c.11 - Parnholt Wood, 21.v.78 (BG), bred from larva on *Betula*, 19.x.80 (DHS); Sparsholt, few each year; Emer Bog, 28.v.84, 1.vi.87 (DHS); Dean, nr. Winchester, c.; Botley Wood, c.; Havant Thicket, c. (JRL); Upham, 1975 (DWHF).
v.c.12 - Harewood Forest, 5.vi.79; Leckford, 4.vi.83, few; Chilbolton Down, bred (DHS); Armsworth, 1975 (DWHF); Abbotstone Down, 1984 (WCNHS).
804. *Cnephasia longana* (Haw.)
p.158, add:
v.c.10 - Compton Bay, 27.vii.75, very pale forms.(CCS).
v.c.11 - Sparsholt, one bred from *Silene*, em. 27.vii.77; Winchester, occ. at m.v.light in garden (DHS); Portsdown Hill, 17.vii.86; Southsea, c.; Hayling Is., c. (JRL).
v.c.12 - Leckford, 18.viii.78, one; July, 1986, few; 10.vi.87, one larva, moth bred (DHS).
NEW VCR.
805. *C. communana* (H.-S.)
p.158, add:
v.c.11 - Southsea, 8.vi.87, one at m.v.light (JRL).
806. *C. conspersana* Dougl.
p.158, add:
v.c.11 - Highcliffe (EHW).
v.c.12 - Itchen Valley, 29.vii.76, one at m.v.light (DWHF); Medstead, 2.vii.80 (FHNS).
807. *C. stephensiana* (Doubl.)
p.159, add:
v.c.10 - Ventnor, Aug.1987, f.c. at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Parkhill Inc., 4.viii.78, three; Dean, nr. Winchester, f.c.; Winchester, c. (DHS); Botley Wood, c.; Wickham, c.; Southsea, c. (JRL); Oxenbourne Down, few, genitalia checked (RJD).
v.c.12 - Harewood Forest, c. (JRL); Leckford, f.c.; Winnall Moors Nature Reserve, 22.vii.83, a few, 25.vii.87, one at m.v.light (DHS).
808. *C. asseclana* (D.& S.)
= *interjectana* (Haw.)
p.159, add:
v.c.10 - Ventnor, Aug.1987, f.c. at m.v.light (JRL, ECP-C); Ashey Down, bred from larva on *Viburnum lantana*, 26.vi.87, by E.F. Hancock (Agassiz, 1989, *Entomologist's Rec.J.Var.* 101: 148).
v.c.11 - Highcliffe (EHW); New Forest, c.; Emer Bog, c.; Dean, nr. Winchester, f.c.; Winchester, few each year (DHS); Sparsholt, c.; Botley Wood, c.; Wickham, c.; Droxford, c. (JRL); Portsdown Hill, 3.vii.75, genitalia checked; Oxenbourne Down, few, genitalia checked (RJD).
v.c.12 - Harewood Forest, c.; Leckford, c. (JRL).
809. *C. pasiutana* (Hübner.)
p.159, add:
v.c.11 - Winchester, 28.vi & 1.vii.88, at m.v.light, both genitalia det.; Teg Down, Winchester, 10.vii.79, one bred from *Daucus* (DHS); 1980, one bred from *Primula veris*; 3.vii.80, one netted; Droxford, 28.v.77, two larvae on *Vicia sepium*, moths bred; all genitalia checked; Southsea, 10.vi.89, one at m.v.light (JRL).
v.c.12 - Leckford, 19.vii.74, few beaten from *Juniperus* by day (DWHF), 19.viii.78, five at m.v.light, genitalia det. (DHS).

810. *C. genitalana* P. & M.
v.c.11 - Southsea, 29.vii.91, female at m.v.light, genit.det. (JRL). NEW COUNTY RECORD.
811. *C. incertana* (Treits.)
p.159, add:
v.c.10 - Ventnor, 2.viii.87, one at m.v.light (JRL, DHS).
v.c.11 - Ashurst, 19.vi.85; Dean, nr. Winchester, 23.vii.79, one, 19.vi.88 and subsequent nights, a few, at m.v.light, all genitalia det.; (DHS); Wickham, f.c.; Southsea, f.c (JRL); Oxenbourne Down, 9.vii.73, one, genitalia checked (RJD).
812. *Tortricodes alternella* (D. & S.)
p.160, add:
v.c.11 - Emery Down (JEC); Sparsholt, c.; Winchester, c. (DHS); Chandlers Ford, sev. at m.v.light in 1991 (BG); Wickham, v.c. (JRL); Havant Thicket, March, 1986, one (JMW).
v.c.12 - Harewood Forest, 1982, c., 1985 & 1988, few (DHS); Leckford (DWHF).
813. *Neosphaleroptera nubilana* (Hübner.)
p.160, add:
v.c.11 - Botley Wood, 23.vi.76, male by day, genitalia checked (RJD); Widley, nr. Portsmouth, 20.vii.84, one, conf.JMW (PMP).
814. *Eana osseana* (Scop.)
p.160, add:
v.c.10 - Afton Down, 3.viii.87, one by day; Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Teg Down, Winchester, 24.vii.79; Winchester, 31.vii.79, one & 30.vii.88, two (DHS); Little Butser Hill, 11.viii.77, two at m.v.light (AHD).
815. *E. incanana* (Steph.)
p.160, add:
v.c.11 - Wickham, 30.v.91, larvae on *Endymion*, moths bred; Southsea, 25 & 28.vii.91, singletons at m.v.light (JRL).
816. *Aleimma loeflingiana* (Linn.)
p.160, add:
v.c.11 - Highcliffe (EHW); Sparsholt, f.c.; Emer Bog, f.c.; Winchester, f.c. at m.v.light in garden (DHS); Botley Wood, f.c. ; Wickham, f.c. (JRL); Widley, nr. Portsmouth, July 1986, sev. (PMP); Hayling Is., f.c. (JMW).
v.c.12 - Harewood Forest, f.c.; Leckford, f.c. (DHS); Overton, 20.vii.81, one at m.v.light; Bartley Heath Reserve, Hook, 1987, sc. (AHD).
817. *Tortrix viridana* (Linn.)
p.161.
818. *Spatalistis bifasciana* (Hübner.)
p.161, add:
v.c.11 - Sparsholt, 11.vii.80, one at dawn (DHS); Botley Wood, 1.viii.74, female netted at dusk (RJD), 24.viii.86, one by day (DHS).
819. *Croesia bergmanniana* (Linn.)
p.161, add:
v.c.10 - Shanklin, 16.vii.83, two (JMC)).
v.c.11 - Dean, nr. Winchester, 19 & 21.vii.79; Winchester, few at m.v.light most years (DHS); Sparsholt, c.; Botley Wood, c.; Southsea, c. (JRL); West Walk, Wickham, 25.v.87, sev. larvae on *Rosa*, moths bred (JRL, DHS).

- v.c.12 - Leckford, 8.vii.78 (DHS); Oakley, 15.vii.79, one at m.v.light (AHD); Ovington, 4.vii.80 (FHNS).
820. *C. forsskaeana* (Linn.)
p.161, add:
v.c.10 - Landslip, Sept. 1980, two (EHW); St. Lawrence, one; Shanklin, c. (JMC); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Sparsholt, 1984 (WCNHS); Winchester, c. most years (DHS); Botley Wood, c.; Droxford, c.; Southsea, c. (JRL); Widley, nr. Portsmouth, c. (PMP, 1986); Hayling Is., f.c. (JMW).
v.c.12 - Overton, 1980-'81, few at Rothamsted trap (AHD).
821. *C. holmiana* (Linn.)
p.162, add:
v.c.10 - Tennyson Down, 30.vii.75; Headon Warren, 29.vii.74 (CCS); Shanklin (JMC).
v.c.11 - Needs Ore Nature Reserve, 14.vii.82, one; Winchester, singletons most years (DHS); Chandlers Ford, 26.vii.91, one at light (BG); Hayling Is., 2.vii.77, and a few each year since (JMW).
v.c.12 - Leckford, 19.vii.82 & 18.vii.79 (DHS); Oakley, July 1984, three (AHD).
822. *Acleris laterana* (Fabr.)
= *latifasciana* (Haw.)
p.162, add:
v.c.10 - Ventnor, 4.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Sparsholt; Emer Bog; Winchester; Botley Wood (DHS); Wickham, c.; Droxford, c.; Southsea, occ.; Oxenbourne Down, c. (JRL).
v.c.12 - Leckford, a few, 1979-'88 (DHS); Winnall Moors, 13.viii.88, one at m.v.light (JRL, DHS).
823. *A. comariana* (Lien.& Zell.)
p.162, add:
v.c.10 - Shanklin, 7.viii.82 (JMC).
v.c.11 - Sparsholt College, 28.vii.89, 2 at m.v.light (AHD); Emer Bog, 28.vi.87, a number disturbed from among *Potentilla palustris* during afternoon (DHS); Southsea, 15.x.74, 30.vi.83, 30.vi.85, singletons at m.v.light, all genitalia det. (JRL).
824. *A. sparsana* (D.& S.)
p.162, add:
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Parkhill Inc., 13.ix.78, two at m.v.light (BG); Ganger Wood, Romsey (AHD); Sparsholt, c.; Winchester, f.c. (DHS); Chandlers Ford, 1991, few at m.v. light (BG); Widley, nr. Portsmouth, 3.xi - 15.xii.85, 28 caught (PMP); Southsea, sc. (JRL).
v.c.12 - Leckford, 11.viii.71 & 9.x.79, and 3.ix.86, a few (DHS); Overton (AHD).
825. *A. rhombana* (D.& S.)
p.163, add:
v.c.10 - Newtown woods, Sept.1980, v.c. (EHW).
v.c.11 - Highcliffe (EHW); Sparsholt; Dean, nr. Winchester; Winchester, few most years at m.v.light (DHS); Curbridge, 29.ix.74, genitalia checked (RJD); Droxford, c.; Southsea, f.c. (JRL); Horsea Is., 10.x.85, few (JRL, DHS); Hayling Is., 1977 (JMW).
v.c.12 - Overton, c.; Bramley (AHD).
826. *A. aspersana* (Hübner.)
p.163, add:
v.c.10 - Tennyson Down, 18.viii.73, 27.vii.75, c. (CCS), Aug.1987, c.; Afton Down, 3.viii.87, a few (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Winchester, few every year at m.v.light (DHS), 28.vii.84 (WCNHS); Little Butser Hill, f.c. (AHD); Southsea, f.c. (JRL).

- v.c.12 - Leckford, c.; on 30.v.88 a larva collected from *Filipendula ulmaria* and thought to be *A. shepherdana* emerged as this species; Stockbridge Down, c. (JRL, DHS).
827. *A. ferrugana* (D.& S.)
p.163, add:
v.c.10 - Parkhurst Forest, 27.vii.74; Newtown, 26.vii.74 (CCS).
v.c.11 - Parkhill Inc., c.; Holmhill, 25.vii.79, two; Church Place Inc., c.; Sparsholt, 1977, three; Emer Bog, 25.xii.87, a few beaten from yew; Winchester, 31.x.83 & 2.viii.85, at m.v.light, genitalia det. (DHS); Curbridge, 14.viii.74, genitalia checked (RJD); Wickham, c.; Southsea, f.c. (JRL).
v.c.12 - Greatham, 1984, larvae (WCNHS).
828. *A. notana* (Don.)
= *tripunctana* (Hübner.)
p.163, add:
v.c.11 - Highcliffe (EHW); Balmer Lawn, 7.v.79; Parkhill Inc., 29.vii.78, four; Denny Bog, 29.vii.79; Parnholt Wood; Sparsholt; Winchester, 29.viii.88, one at m.v.light, genitalia det.(DHS); Chandlers Ford, 31.vii.79, three at m.v.light (BG); Botley Wood, 26.viii.85, sev. larvae (JRL, DHS); Havant Thicket, v.c. (JRL); Hayling Is., 30.vi.77 (JMW).
829. *A. shepherdana* (Steph.)
p.164, add:
v.c.11 - Winchester, 10.viii.83, one at m.v.light in garden (DHS).
v.c.12 - Winnall Moors Nature Reserve, 13.viii.88, one at m.v.light; 1990, four moths bred from spun shoots of *Filipendula ulmaria* (BG).
830. *A. schalleriana* (Linn.)
p.164, add:
v.c.10 - Wood S. of Yarmouth, 21.viii.73, 22.vii.74 (CCS); Shanklin, 13.viii.85 (JMC); Ryde, c. (JRL).
v.c.11 - Sparsholt, c. (JRL); Winchester, 1977, many bred from cultivated *Viburnum*, and at m.v.light most years (DHS); Droxford, 4.ix.78, larvae v.c. on *V. opulus*, many moths bred (BG); West Meon, 1.vi.85, sev. larvae (JRL).
v.c.12 - Leckford, spinings c. (DHS); Overton, few (AHD).
831. *A. variegana* (D.& S.)
p.164, add:
v.c.10 - St. Lawrence, Sept. 1980, c. (EHW); Five Houses, 1982 (JMC); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Needs Ore Nature Reserve, 14.vii.82, few (DHS); Sparsholt, 14.x.84, few; Winchester, c. (DHS); Titchfield Haven L.N.R., c.; Widley, nr. Portsmouth (PMP); Southsea, abdt. (JRL); Hayling Is., c. (JMW).
v.c.12 - Leckford, f.c. (DHS); Winnall Moors Nature Reserve, 13.viii.88, few at m.v.light (BG, JRL, DHS); Overton, v.c. (AHD).
832. *A. boscana* (Fabr.)
p.164, add:
v.c.10 - Freshwater, 26.vii.75 (CCS); Shanklin, 8.vii.83, two (JMC).
v.c.11 - Portsmouth, 4.ix.78, larvae c., many moths bred (BG, JRL); Hayling Is., 12.xii.77 (JMW).
833. *A. umbrana* (Hübner.)
p.165.
834. *A. hastiana* (Linn.)
p.165, add:
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Balmer Lawn, 19.iv.79; Mallard Wood,

3.vii.82, few; Braishfield, Aug. 1978, four; Emer Bog, 9.viii.80, few; 5.v.84, few larvae; Winchester, 17.i.76, one hibernating at base of willow; 1.viii.78, one at m.v.light (DHS); Chandlers Ford, Oct.1991, three at m.v.light (BG); Wickham, f.c.; Browndown, c.; Portsmouth, c.; Southsea, sc.; Waterlooville, c.; Havant Thicket, c. (JRL).

835. *A. cristana* (D.& S.)
p.165, add:
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Ampfield, 7.iv.80, one; Sparsholt; Dean, nr. Winchester, 1.x.79, sev.; Winchester, sev. at m.v.light (DHS); Wickham, f.c.; East Meon, f.c.; Oxenbourne Down, f.c. (JRL); Havant Thicket, 14.iv.79 (DHS).
v.c.12 - Bartley Heath Reserve, Hook, 1987, occ. (AHD).
836. *A. hyemana* (Haw.)
p.166, add:
v.c.10 - Shanklin, 21.viii.83 (JMC). NEW VCR.
v.c.11 - Emery Down (JEC); Denny Bog, 30.x.78, c. (DHS).
837. *A. rufana* (D.& S.)
p.166, add:
v.c.11 - Denny Bog, 29.vii.78, spinning on *Myrica*, moth em. 13.ix.78 (DHS); Matley Bog, 11.viii.79, one larva on *Myrica*, moth bred (JRL).
838. *A. lorquiniana* (Dup.)
p.166, add:
v.c.11 - Browndown, larvae still c. (JRL, DHS, 1985).
839. *A. literana* (Linn.)
p.166, add:
v.c.10 - Shanklin, 3.ix.82 (JMC).
v.c.11 - Emery Down (JEC); Sparsholt, 30.iii.76 (DHS); Havant Thicket, 22.v.77 (JRL); Titchfield Haven L.N.R., 16.ix.86, one at m.v.light (PMP).
v.c.12 - Harewood Forest, early Sept. 1978, c. among lichen-covered stool oaks; only two in 1979, one in 1980, and none seen since; Leckford, 21.viii.87, two in m.v.light trap (DHS).
840. *A. emargana* (Fabr.)
p.167, add:
v.c.10 - Wood S. of Yarmouth, 21.viii.73 (CCS); Newtown woods, Sept. 1980, v.c. (EHW).
v.c.11 - Highcliffe (EHW); Church Place Inc.; Sparsholt; Emer Bog, f.c.; Winchester; Botley Wood (DHS); Hayling Is., f.c. on Sinah Common (JMW, 1986).
v.c.12 - Leckford; Itchen Abbas (DHS); Armsworth, 1975 (DWHF); Overton; Bramley, f.c. (AHD).
841. *Celypha striana* (D.& S.)
p.150, add:
v.c.10 - Freshwater, 28.vii.75 (CCS); Shanklin, 1981 (JMC).
v.c.11 - Highcliffe (EHW); Brockenhurst, 2-7.vii.80, few (BG); Sparsholt, 9.vii.79, c.; Winchester, c. (DHS); Widley, nr. Portsmouth, c. (PMP, 1986); Portsdown Hill, 2.vii.71; Oxenbourne Down (RJD); Southsea, c. (JRL); Hayling Is., f.c. (JMW).
v.c.12 - Harewood Forest, 17.vii.79, c.; Leckford, f.c. (DHS); Oakley, 16.vi & 10.vii.84 (AHD).
842. *C. rosaceana* (Schläg.)
p.150, add:
v.c.11 - Winchester, 22.vii.77 and July 1983 & '84 (DHS); Southsea, 1975 & '76, f.c., none since (JRL).

843. *Olethreutes cespitana* (Hübner.)
p.149, add:
v.c.11 - Portsdown Hill, 3.vii.75 (RJD); Southsea, 30.vii.82, one at m.v.light; Oxenbourne Down, c. (JRL).
844. *O. rivulana* (Scop.)
p.149, add:
v.c.11 - Highcliffe (EHW); Teg Down, Winchester, 6.vii.82, two, genitalia checked; Winchester, 1.viii.85, 19.vii.87, singletons at m.v. light (DHS).
v.c.12 - Leckford, 14.vii.79, c. on chalk grassland (BG, DHS), continuing c. each year (DHS).
845. *A. aurofasciana* Haw.
p.149.
846. *O. schulziana* (Fabr.)
p.149, add:
v.c.11 - Shortheath Common, 31.vii.76, two (Dickson, 1977, *Entomologist's Rec.J.Var.* 89:: 76).
847. *O. olivana* (Treits.)
p.149, add:
v.c.11 - Winchester, 10.vii.81, one in garden moth trap (DHS). See Goater (1983).
add:
v.c.10 - Shanklin, 28.viii.82 (JMC). NEW VCR.
848. *O. lacunana* (D.& S.)
p.149, add:
v.c.10 - Ventnor, Aug.1987, c. (JRL, ECP-C); Shanklin, 1982; Queens Bower, 1983 (JMC).
Continues to be abundant throughout v.c.'s 11 & 12 (JRL, DHS).
849. *O. bifasciana* (Haw.)
p.149, add:
v.c.11 - Emery Down, 14.vii.79, c. at m.v.light (BG); Holmhill, f.c.; Winchester, 1978, '80, '86 & '87, a few at m.v.light (DHS); Botley Wood, c.; Southsea, f.c.; Havant Thicket, c. (JRL).
850. *O. arcuella* (Clerck)
p.148, add:
v.c.12 - Harewood Forest, 26.vi & 4.vii.79, a number seen but only two netted; 11.vii.87, one netted (JRL, DHS).
851. *Hedya pruniana* (Hübner.)
p.147, add:
v.c.11 - Needs Ore Nature Reserve, 5.vi.85, few; Emer Bog, f.c.; Teg Down, Winchester, c.; Botley Wood, c.; Browndown, c. (DHS); Wickham, c.; Droxford, c.; Portsmouth, 1974; Southsea, c. (JRL); Widley, nr. Portsmouth, f.c. (PMP, 1986); Portsdown Hill, 3.vii.75; Curbridge; Oxenbourne Down, 22.vi.73 (RJD).
v.c.12 - Harewood Forest, 17.vii.79, c.; Leckford, bred from *Prunus spinosa*, 1975; 9.vi.88, one at m.v.light (DHS); Chilbolton, c.; Itchen Valley, c.; Alresford (DWHF); Abbotstone Down, 7.viii.63, at light (ECP-C); Farnborough, 1970 & '71 (GB); Alice Holt, 1968-'69 (TGW). NEW VCR. Due to an oversight, v.c.12 records were omitted in Goater (1974).

852. *H. dimidioalba* (Retz.)
 = *nubiferana* (Haw.)
 p.148, add:
 v.c.10 - Shanklin, c. (JMC).
 v.c.11 - Sparsholt, 1978, sev. bred, and moths seen most years; Emer Bog, 4.vii.79, few; Winchester, sev. at m.v.light every year (DHS); Botley Wood, c.; Wickham, c.; Droxford, c.; Southsea, c. (JRL); Curbridge; Oxenbourne Down, c. (RJD).
 v.c.12 - Oakley, f.c.; Overton, f.c.; Bramley, f.c.; Bartley Heath Reserve, 1987, sc. (AHD).
853. *H. ochroleucana* (Fröl.)
 p.148, add:
 v.c.11 - Sparsholt, 9.vii.80, one; Pitt Down, 11.vii.81, one; Winchester, 9.vii.78 & 2.vii.86 (DHS); Upham, 2.vii.75, few at m.v.light (DWHF); Southsea, occ.; Havant Thicket, 16.vii.77, one (JRL).
 v.c.12 - Leckford, 9.vii.78 & 16.vii.86 (DHS).
854. [*H. atropunctana* (Zett.)]
 p.148.
855. *H. salicella* (Linn.)
 p.148, add:
 v.c.10 - Shanklin, 1.vii.82 (JMC).
 v.c.11 - Mottisfont, 12.vii.80 (FHNS); Sparsholt College, 1986, two at m.v.light (AHD); Emer Bog, occ.; Winchester, 17.vii.83, 11.vii.87, singletons at m.v.light (DHS); Winchester College, 20.vii.83 & 23.vii.84 (WCNHS); Botley Wood, 13.vii.76, two by day (DWHF); Wickham Common, bred from sallow shoots coll. 30.xii.81 (DHS); Southsea, 29.vi.76, one at m.v.light; Havant Thicket, f.c. (JRL); Hayling Is., 8.vii.86, one at m.v.light (JMW).
 v.c.12 - Alresford Pond, 14.vii.82 (FHNS); Bramley, 1979, five at m.v.light beside sallow carr (AHD); Woolmer Forest, 1988, sev. bred from *Salix* shoots coll. in spring (BG).
856. *Orthotaenia undulana* (D.& S.)
 p.147, add:
 v.c.11 - Emery Down, c. (JRL); Parkhill Inc., 3.v.81 & 2.v.82, few larvae on *Vaccinium myrtillus*, moths bred; Mallard Wood, 3.vii.82, few; Ashurst, and various other parts of the New Forest, f.c.; Sparsholt, 1978-'79, few; Emer Bog, f.c.; Botley Wood, 3.vii.79 (DHS), c.; Wickham, c.; Droxford, c.; Havant Thicket, c. (JRL).
 v.c.12 - Harewood Forest, 13.vi.82, c. (DHS); Leckford, 18.vi.76, sev. by day (DWHF).
857. *Pseudosciaphila branderiana* (Linn.)
 p.147, add:
 v.c.11 - Botley Wood, 1.vii.78, at m.v.light during BENHS Field Meeting (Langmaid, *Proc.Brit.ent.nat.Hist.Soc.* 12: 71); Southsea, 7.vii.79, one at m.v.light - there is no aspen within 10 miles (JRL).
 v.c.12 - Harewood Forest, 8.vi.75 by Brig. E.C.L. Simson (comm. DHS); Pamber, 11.vii.80, sev. at m.v.light (BG).
858. *Apotomis semifasciana* (Haw.)
 p.146, add:
 v.c.11 - Wickham Common, 1974, one bred from sprouting twigs of *Salix atrocinerea* with galls of *Synanthedon flaviventris* coll. in early spring (JRL).
859. *A. turbidana* (Hübner)
nec lineana (D.& S.)
 p.146:
 NOTE: Owing to an error, the records of this species in Goater (1974) were given under *A. lineana* (D.& S.). There is no known record of *A. lineana* in Hampshire or the Isle of Wight, whereas *A. turbidana* is common.

- add:
v.c.11 - New Forest, generally common; Sparsholt, few; Emer Bog, few (DHS); Botley Wood, c.; Wickham, f.c.; Southsea, f.c.; Havant Thicket, f.c. (JRL).
v.c.12 - Harewood Forest, 17.vii.79, f.c.; Leckford, bred from larva on *Betula*, em. 5.vi.78 (DHS); Pamber, 11.vii.80, at m.v.light (BG).
860. *A. betuletana* (Haw.)
p.146, add:
v.c.10 - Freshwater, 20.vii.74 (CCS). NEW VCR.
v.c.11 - New Forest, c.; Sparsholt, c.; Emer Bog, c.; Dean, nr. Winchester, c. (DHS); Botley Wood, c.; Wickham, c.; Southsea, c.; Havant Thicket, c. (JRL); Curbridge, c. (RJD).
v.c.12 - Harewood Forest, c. (JRL); Leckford, c.; Itchen Abbas, 1978, c. (DHS); Armsworth, 1975 (DWHF).
861. *A. capreana* (Hübner.)
p.147, add:
v.c.11 - Brockenhurst, 2-7.vii.80, few at m.v.light (BG); Sparsholt, 8.vii.74 & 8.vii.75 (DHS); Wickham, f.c.; Havant Thicket, f.c.; Oxenbourne Down, 5.vii.75 (JRL).
v.c.12 - Leckford, 1979, one bred *ex Salix* (DHS).
862. *A. sororculana* (Zett.)
p.147, add:
v.c.11 - Botley Wood, 29.vii.82 & 26.viii.85, two, larvae on *Betula*, all three moths bred (DHS).
v.c.12 - Itchen Valley, 16.vi.76, one at m.v.light (DWHF).
863. *A. sauciana* (Fröl.)
p.147, add:
v.c.10 - Newtown, 4.viii.75 (CCS). NEW VCR.
v.c.11 - Holmhill, May 1982, two bred from larvae on *Vaccinium myrtillus*; Mallard Wood, 3.vii.82, one at m.v.light (JRL, DHS).
864. *Endothenia gentianaeana* (Hübner.)
p.144, add:
v.c.11 - Highcliffe (EHW); Otterbourne, 1979, one bred from *Dipsacus* (JRL); Bishops Waltham, 1979, many bred (DHS); Botley Wood, 1973, larvae (RJD); Horsea Is., 10.x.85, larvae in *Dipsacus* heads (JRL, DHS).
v.c.12 - Leckford, 13.x.85 & 15.ii.86, larvae in *Dipsacus* heads (JRL, DHS).
865. *E. oblongana* (Haw.)
p.144, add:
v.c.11 - Teg Down, 30.v.79, one at dusk (DHS); Portsdown Hill, 18.vii.81; Southsea, 27.v.74 (JRL).
v.c.12 - Leckford, 25.vi.78, five by day (DHS), 31.viii.81 (JRL). See Goater (1983).
add:
v.c.11 - Highcliffe (EHW); Broughton Down, 3.vii.83, few (JRL); Farley Mount, 29.vi.80, one; Winchester, July 1983, few at m.v.light (DHS).
v.c.12 - Leckford, few in 1978, '81 & '85 (DHS). NEW VCR.
866. *E. marginana* (Haw.)
p.145, add:
v.c.11 - Highcliffe (EHW); Minstead, 10.viii.76 (LWS); Sparsholt, 1978, c., bred from *Dipsacus* heads; Teg Down, Winchester, 30.v.79 & 19.v.80, c.; Fletchwood Meadows, 2.vii.88, a few (DHS); Otterbourne, v.c.; Botley Wood, c.; Portsmouth, c.; Southsea, v.c.; larvae in seedheads of *Dipsacus* and *Centaurea*, moths bred from the former being much larger and brighter (JRL).

867. *E. pullana* (Haw.)
 = *fuligana* auctt.
 p.145, add:
 v.c.12 - Leckford, 9.vii.86, one by day on river bank, genitalia det. (DHS). NEW VCR.
868. *E. ustulana* (Haw.)
 p.145, add:
 v.c.11 - Sparsholt, 7.vii.84, one at m.v.light (DHS).
 v.c.12 - Itchen Valley, July 1975, pair *in copula* in afternoon (DWHF).
869. *E. nigricostana* (Haw.)
 p.145, add:
 v.c.11 - Parnholt Wood, 1979, bred; Sparsholt, 1980, two bred; Chandlers Ford, 1980, v.loc.c. (BG); Braishfield, c.; Sparsholt, c.; Emer Bog, 44.v.87, sev. larvae & pupae in stems of *Stachys sylvatica*, but only one bred; Droxford, c.; Exton, c.; only as larvae in stems of *S. sylvatica*, never encountered as an imago (JRL).
 v.c.12 - Leckford, 21.vii.78 (DHS).
870. *E. ericetana* (H. & W.)
 p.145, add:
 v.c.11 - Sparsholt College, 4.vii.89, one at Rothamsted trap (AHD); Winchester, 6.viii.83 & 12.viii.86, singletons at m.v.light (DHS); Botley Wood, 15.vii.73 (RJD); Southsea, 22.vi & 10.viii.76, and 21.viii.84, at m.v.light (JRL).
 v.c.12 - Harewood Forest, 2.viii.80 (JRL).
871. *E. quadrimaculana* (Haw.)
 p.146, add:
 v.c.11 - Highcliffe (EHW); Sparsholt, few; Winchester, occ. at m.v. light (DHS); Bursledon, 7.viii.75; Southsea, f.c. (JRL).
 v.c.12 - Leckford, 18.viii.78, three & 13.viii.86, one (DHS).
872. *Lobesia occidentis* Falk.
 p.144, add:
 v.c.11 - Sparsholt, 27.v.78, one; larvae found fairly commonly in stems of *Euphorbia amygdaloides*, July-Aug.1982 & '84 (DHS).
873. *L. reliquana* (Hübner.)
 p.143, add:
 v.c.11 - Highcliffe (EHW); Sparsholt; Emer Bog, 1987, two; Ampfield, 15.vii.79 & 11.viii.86 (DHS); Botley Wood, f.c.; Wickham, f.c.; Havant Thicket, f.c. (JRL).
 v.c.12 - Itchen Valley, 8.vi.75, many on wing about 0700 GMT (DWHF).
874. *L. botrana* (D. & S.)
 v.c.11 - Winchester, 8.viii.89, one at m.v.light (DHS). NEW COUNTY RECORD.
875. *L. abscisana* (Doubt.)
 p.144, add:
 v.c.10 - Freshwater Marsh, 21.vii.74, 3.viii.75, c.; Compton Bay, 30.vii.74; wood S. of Yarmouth, 31.vii.75 (CCS).
 v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 14.vii.82, few; Teg Down, Winchester, 24-26.vii.79, three; Winchester, a few most years at m.v.light; Browndown, 26.vii.79, two (DHS); Botley Wood, 15.vi.73 (RJD); Southsea, 1975, v.c., 1981, f.c., otherwise sc. (JRL).
 v.c.12 - Leckford, few at m.v.light; Winnall Moors Nature Reserve, 22.vii.83, a few; 13.viii.88, one, at m.v.light; Itchen Abbas, 1977, one (DHS); Oakley, 28.vii.84; Bartley Heath Reserve, Hook, 1987, occ. (AHD).

876. *L. littoralis* (H.& W.)
p.144, add:
v.c.11 - Highcliffe (EHW); Hurst Castle, 6.vi.88, one; Winchester, f.c. every year at m.v.light (DHS); Sparsholt College, 28.viii.89, one at Rothamsted trap (AHD); Southsea, f.c. (JRL); Hayling Is., 1977 (JMW).
v.c.12 - Abbots Ann, 19.vi.84, one (AHD).
877. *Bactra furfurana* (Haw.)
p.143, add:
v.c.11 - Winchester, 14.vii.83, one at m.v.light; Farlington Marsh, 30.vi.88, three by day (DHS); Southsea, 29.viii.85, one at m.v.light (JRL).
878. *B. lancealana* (Hübner.)
p.143, add:
v.c.10 - Newtown, 25.vii.75 (CCS); Shanklin, 1982 (JMC).
v.c.11 - Pig Bush, c.; Beaulieu Road, v.c.; Matley Bog, abdt.; Botley Wood, c.; Southsea, c.; Havant Thicket, c. (JRL); Sparsholt College, 1987-'88, sc. at m.v.light (AHD); Fletchwood Meadows, 27.viii.88, sev.; Winchester, f.c. (DHS); Hayling Is., 27.viii.86, one at m.v.light (JMW).
v.c.12 - Leckford, 9.vi.79, four, and sev. in subsequent years (DHS).
879. *B. robustana* (Christ.)
p.143, add:
v.c.11 - Browndown, 30.vi.75, few at dusk (DWHF); Curbridge, 14.viii.79, female at m.v.light (RJD); Southsea, 8.vi.76 & 29.vii.83, one at m.v.light, genitalia det. (JRL); Farlington Marsh, 30.vi.88, one (DHS).
880. *Eudemis profundana* (D.& S.)
p.142, add:
v.c.10 - Newtown, 25.vii.74; wood S. of Yarmouth, 31.vii.75 (CCS).
v.c.11 - Highcliffe (EHW); Denny Wood, 11.viii.79, c. at m.v.light (BG); Parkhill Inc., 29.vii.78; Park Grounds, 1977, two; Needs Ore Nature Reserve, 14.vii.82, few; Sparsholt, 1977; Winchester, few every year at m.v.light (DHS); Botley Wood, c.; Wickham, c.; Southsea, c. (JRL).
v.c.12 - Harewood Forest, 2.ix.78, f.c. (DHS); Oakley, July, 1984, c. at m.v.light (AHD).
881. *E. porphyra* (Hübner.)
p.142, add:
v.c.11 - Mallard Wood, 5.vi.85, few larvae (JRL, ECP-C), 6.vi.86, sev. larvae (ECP-C, DHS); Botley Wood, 21.v.88, two larvae on *Malus sylvestris*, both bred (JRL).
882. *Ancylis achatana* (D.& S.)
p.140, add:
v.c.10 - Wood S. of Yarmouth, 22.vii.74 (CCS).
v.c.11 - Highcliffe (EHW); Sparsholt, few; Winchester, few every year at m.v.light (DHS); Botley Wood, c.; Wickham, c.; Southsea, v.c. (JRL); Oxenbourne Down, 9.vii.73 (RJD); Hayling Is., 1977 (JMW).
v.c.12 - Leckford, occ. (DHS).
883. *A. comptana* (Fröl.)
p.140, add:
v.c.10 - Tennyson Down & Ventnor, Aug.1977, c. (JRL, ECP-C).
v.c.11 - Broughton Down, c.; Chilbolton Down, few in 1982 & '84 (JRL); Winchester, 22.vii.86, one at m.v.light; St.Catherines Hill, Winchester, still v.c. (DHS); Southsea, 16.vii & 4.viii.84, and 11.viii.86, singletons at m.v.light (JRL).
v.c.12 - Leckford, occ. at m.v.light (JRL, DHS).
884. *A. unguicella* (Linn.)
p.140, add:

- v.c.11 - Highcliffe (EHW); Winchester, 2.vi & 28.vii.78, 4.vii.79 & 1.viii.85 (DHS); Wickham Common, 16.vi.73, two (RJD); Southsea, 3.vii.83 (JRL).
885. *A. uncella* (D.& S.)
p.140, add:
v.c.11 - Highcliffe (EHW); Botley Wood, c.; Wickham, c. (JRL).
886. *A. geminana* (Don.)
p.141, add:
v.c.11 - Botley Wood, 15.vi.73, 18.vi.74, two, 19.vi.74, two, det. DJLA (RJD).
v.c.12 - Woolmer Forest, 1976, f.c. (DWHF).
887. *A. diminutana* (Haw.)
p.141, add:
v.c.11 - Sparsholt, 7.vii.84, one at m.v.light; Emer Bog, 4.vii.79, 12.vi.87; Winchester, 29.vi.91, one at m.v.light (DHS); Botley Wood, 30.v.76 (JRL).
888. *A. subarcuana* (Dougl.)
p.141, add:
v.c.11 - Pig Bush, c., larvae on *Salix repens* (JRL); Emer Bog, 4.vii.79, larvae c. (JRL, DHS).
889. *A. mitterbacheriana* (D.& S.)
p.141, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 2.vii.79, larvae found regularly in October; Emer Bog, 16.xi.85 & 4.ix.86, sev. larvae; on 5.x.86, one larva found on *Betula*, moth em. 27.iv.87; Ampfield, 28.ix.85, many larvae; West Walk, Wickham, 22.vi.79 (DHS); Braishfield, c.; Botley Wood, c.; East Meon, 18.x.80, larvae in podded leaves of *Fagus*, moths bred; Havant Thicket, f.c. (JRL).
v.c.12 - Armsworth, 1975 (DWHF).
890. *A. upupana* (Treits.)
p.141, add:
v.c.11 - Parnholt Wood, 26.v.80, one by day (DHS); Botley Wood, 2.vi.85, one; 26.viii.85, one larva, moth bred (JRL, DHS); 5.x.86, one larva, moth bred (JRL, ECP-C).
891. *A. obtusana* (Haw.)
p.141, add:
v.c.11 - Botley Wood, f.c.; West Walk, Wickham, 28.vi.86, one at m.v.light (JRL).
892. *A. laetana* (Fabr.)
p.141, add:
v.c.11 - Braishfield, loc.f.c.; Botley Wood, f.c.; Havant Thicket, f.c.; Waterlooville, f.c. (JRL).
v.c.12 - Harewood Forest, 19.v.79 (DHS).
893. *A. unculana* (Haw.)
p.142, add:
v.c.11 - Chilbolton Down, 21.v.78, five, 29.v.79, c. amongst *Rhamnus* by day (BG); Sparsholt, 11.vii.82; Oxenbourne Down, c. (JRL).
v.c.12 - Leckford, c. (JRL); Stockbridge Down, 15.vii.79, c. by day (DHS).
894. *A. badiana* (D.& S.)
p.142, add:
v.c.11 - Ladycross, 31.viii.79; Winchester, few most years at m.v.light (DHS); Sparsholt, c.; Botley Wood, c.; Southwick, c.; Droxford, c.; Portsmouth, v.c.; Southsea, c. (JRL); Oxenbourne Down (RJD).

895. *A. apicella* (D. & S.)
p.142, add:
v.c.11 - Matley Bog, 11.viii.79, 30.vii.84 & 21.vii.85 (DHS); Emer Bog, v.c.; Botley Wood, f.c.; Havant Thicket, c.; larvae on *Frangula* (JRL).
v.c.12 - Crawley, 31.vii.76, three by day (BG).
896. *Epinotia pygmaeana* (Hübner.)
p.139, add:
v.c.11 - Botley Wood, c.; Havant Thicket, c. (JRL).
897. *E. subsequana* (Haw.)
p.140, add:
v.c.11 - Parnholt Wood, 21.vi.78, v.c. around *Abies grandis* during afternoon (DJLA, BG, JRL); Havant Thicket, v.loc. & sc. among *A. grandis*, first taken 30.v.77 (JRL).
898. *E. subocellana* (Don.)
p.136, add:
v.c.11 - Highcliffe (EHW); Emer Bog, 25.vi.86, 12.vi.87, singletons; Ampfield, 11.vi.79; Winchester, 5.vii.85, one at m.v.light (DHS); Browdown, 23.vi.73 (RJD); Wickham; Upham, 1975 (DWHF); Botley Wood, c.; Havant Thicket, c. (JRL); Hayling Is., 19.x.85, one larva, moth bred (DHS).
v.c.12 - Leckford, 2.vi.76, sev. beaten out by day (DWHF).
899. *E. bilunana* (Haw.)
p.137, add:
v.c.11 - Sparsholt, 1977, two, and a few on 8.vii.84; Emer Bog, 6.vii.78, three & 29.viii.87, one; Winchester, occ. at m.v.light (DHS); Botley Wood, 1.vii.78; Southsea, 12.vi.74 (JRL); Hayling Is., 1977 (JMW).
v.c.12 - Harewood Forest, 17.vii.79, 11.vii.87, a few (DHS); Oakley, 6.vii.84 (AHD).
900. *E. ramella* (Linn.)
p.137, add:
v.c.11 - Ladycross, 31.viii.78, f.c.; Parkhill Inc., 10.ix.78, few; Sparsholt, 1977, one, and a few in subsequent years; Ampfield, 1977, five; Winchester, 14.viii.85, one at m.v.light (DHS); Browdown, 29.viii.86, one; Havant Thicket, c. (JRL).
v.c.12 - Harewood Forest, 12.ix.78, f.c. (DHS), c. (JRL); Leckford, 21.viii.87, one (DHS); Armsworth, 1975 (DWHF).
901. *E. demarniana* (F.v R.)
p.137, add:
v.c.11 - Holmhill, 10.vii.85, few at m.v.light; Sparsholt, 2.vii.79, 8.vii.84 & 8.vii.85, singletons; Emer Bog, 22.vi.85, one at m.v.light; Winchester, July 1983, three at m.v.light (DHS); Botley Wood, sc.; West Walk, Wickham, 28.vi.86, sev. at m.v.light; Havant Thicket, sc. (JRL); Wickham Common, 16.vi.73 (RJD).
v.c.12 - Harewood Forest, 22.vi.83, one (DHS).
902. *E. immundana* (F.v R.)
p.137, add:
v.c.11 - Highcliffe (EHW); Chilbolton Down, 21.v.78, by day (DJLA, BG); Sparsholt, few; Ampfield, 1977; Teg Down, Winchester, 18.v.79, few; Winchester, 27.ix.86, one at m.v.light (DHS); Braishfield, c.; Botley Wood, c.; Wickham, c.; Curdridge, c.; Havant Thicket, c. (JRL); Hayling Is., 1975 (DWHF).
v.c.12 - Harewood Forest, 2.ix.78 (DHS); Armsworth, 1975; Northington, 1975 (DWHF).
903. *E. tetraquetra* (Haw.)
p.138, add:
v.c.11 - Highcliffe (EHW); Parnholt Wood, 19.x.85, f.c.; Emer Bog, 1.vi.87, two (DHS); Botley Wood, f.c.; Havant Thicket, f.c. (JRL).

v.c.12 - Harewood Forest, 27.v.79 (DHS); Armsworth, 1975 (DWHF).

904. *E. nisella* (Clerck)

p.138, add:

v.c.10 - Wood S. of Yarmouth, 21.viii.73, 31.vii.75 (CCS); Shanklin (JMC).

v.c.11 - Highcliffe (EHW); Ladycross, 31.viii.79, few; Emer Bog, 8.ix.84 & 14.ix.86; Ampfield, 1977, three; Winchester, occ. at m.v.light (DHS); Curbridge; Botley Wood, c. (RJD); Wickham Common, c.; Southsea, f.c. (JRL).

v.c.12 - Harewood Forest, 2.ix.78, a few; Leckford, 3.viii.78, 12.x.85 & 9.vii.86; Winnall Moors, 13.viii.88, one (DHS).

904a. *E. nisella* (Clerck)

f. *cinerea* (Haw.)

p.138.

Now considered to be but a form of the previous species.

905. *E. tenerana* (D. & S.)

p.138, add:

v.c.11 - Highcliffe (EHW); Mallard Wood; Sparsholt, 1979, many bred from *Corylus* catkins; Emer Bog, 31.viii.87, one; Winchester, occ. at m.v.light (DHS); Southsea, 9.vii.82; Queen Elizabeth Forest, Petersfield, c.; Havant Thicket, c. (JRL).

v.c.12 - Harewood Forest, 28.viii.79 & 1.viii.81, c.; Leckford (DHS); Abbotstone Down, 3.ix.79 (FHNS).

906. [*E. nigricana* (H.-S.)]

p.138.

907. *E. tedella* (Clerck)

p.139, add:

v.c.11 - Highcliffe (EHW); Winchester, 11.vii.83, 3.vii.85, 22.vi.86, 29.viii.87, singletons at m.v.light (DHS); Sparsholt, c.; Botley Wood, v.c.; Wickham, c.; Havant Thicket, v.c. (JRL); Upham, 1975 (DWHF).

v.c.12 - Armsworth, 1975 (DWHF).

908. *E. fraternana* (Haw.)

p.139, add:

v.c.11 - Parnholt Wood, 21.v.78, f.c. by day (DJLA, BG, JRL), reported in subsequent years between 19.iv and 1.vi. (DHS); Havant Thicket, loc.c. (JRL). Associated with *Abies grandis*.

909. *E. signatana* (Dougl.)

p.139, add:

v.c.11 - Teg Down, Winchester, one bred from spinings on *Prunus domestica* coll. 4.v.81 (JRL).

910. *E. nanana* (Treits.)

p.139, add:

v.c.11 - Winchester, 26.vii.88, one at m.v.light in garden (DHS); Botley Wood, 29.iv.75, four beaten from spruce (RJD), 12.vi.83, one; 11.vi.88, a few; (JRL, DHS); Havant Thicket, f.c., bred from side shoots of *Picea abies* (JRL).

911. *E. rubiginosana* (H.-S.)

p.139, add:

v.c.11 - Southampton, Lordswood, f.r. (Fassnidge, *Suppt.*, 1931); West Walk, Wickham, 28.vi.86, few at m.v.light; Southsea, 24.vi.76 (JRL); Farlington Marsh, 18.vii.84, one at m.v.light (DHS).

v.c.12 - Woolmer Forest, 19.vi.80 (JRL).

912. *E. cruciana* (Linn.)
p.139, add:
v.c.11 - Sparsholt, 6.vii.79; Emer Bog, 5.v.84, larvae (DHS); Botley Wood, v.c.; Wickham, v.c.; Southsea, sc.; Havant Thicket, v.c. (JRL).
913. *E. abbreviana* (Fabr.)
= *trimaculana* (Don.)
p.136, add:
v.c.11 - Portsmouth, v.c., larvae in terminal shoots of *Ulmus*; Southsea, c. (JRL).
v.c.12 - Leckford, 1975, larvae f.c. on *U. procera* (DWHF).
914. *E. trigonella* (Linn.)
= *stroemiana* (Fabr.)
p.135, add:
v.c.11 - Highcliffe (EHW); Ladycross, 31.viii.79, two & 9.ix.79, one; Parkhill Inc., 10.ix.78; Denny Wood, 27.viii.78; Matley Bog, 27.viii.83; Emer Bog, 30.viii.86, 29.viii.87; Winchester, 26.ix.79 (DHS); Sparsholt, f.c.; (JRL); Wickham Common, 1.ix.72 (RJD).
v.c.12 - Harewood Forest, 4.ix.78 & 8.ix.82 (DHS); Woolmer Forest, 19.vi.80, larvae (JRL).
915. *E. maculana* (Fabr.)
p.135, add:
v.c.12 - Harewood Forest, 27.ix.79, two from *Populus tremula* (DHS), 28.ix.79 (JRL).
916. *E. sordidana* (Hübner.)
p.135, add:
v.c.11 - Emer Bog, 18.vi.86 and June 1987, many larvae on *Alnus glutinosa*, but mostly parasitised; 4.x.86, one by day (DHS); Curdridge, c., larvae in podded leaves of *A. glutinosa* (JRL).
v.c.12 - Leckford, 22.x.88, one at m.v.light (DHS).
917. *E. caprana* (Fabr.)
p.135, add:
v.c.11 - Beaulieu Road, 1981, larvae c. in spun shoots of *Myrica*, moths bred; Southsea, 13.viii.86, one at m.v.light (JRL).
918. *E. brunnichana* (Linn.)
p.136, add:
v.c.11 - Highcliffe (EHW); Parkhill Inc., Aug.1978 & '82, few; Sparsholt, 18.viii.77; Emer Bog, 30.vii.83, few (DHS); Wickham, f.c.; Southsea, 4.viii.79; Havant Thicket, f.c. (JRL); Armsworth, 1975 (DWHF).
v.c.12 - Harewood Forest, c. (JRL); Leckford, 18.viii.79, 16.viii.80, 21.viii.87 (DHS).
919. *E. solandriana* (Linn.)
p.136, add:
v.c.10 - Wood S. of Yarmouth, 31.vii.75; Newtown, 4.viii.75 (CCS).
v.c.11 - Ladycross, 31.viii.79 & 31.viii.80; Sparsholt, 1978, four bred from *Betula*; Emer Bog, 9.viii.80 & 29.viii.87, few; Ampfield, 1977; Winchester, 7.vii.78 & 12.viii.81, singletons at m.v.light (DHS); Botley Wood, c. (RJD); Wickham, c.; Southsea, f.c. (JRL).
v.c.12 - Harewood Forest, 1978-'80, few in early Sept. (DHS).
920. *Crociosema plebejana* Zell.
p.135, add:
v.c.11 - Highcliffe, 5.xi.82 (EHW); Southsea, 31.vii, 3.x and 8 & 9.xi.83, none since (JRL). NEW VCR.
921. *Rhopobota naevana* (Hübner.)

- p.134, add:
v.c.11 - Highcliffe (EHW); Parkhill Inc., 2.vii.78; Holmhill, July 1979, two; Sparsholt, 29.vii.76, five; Winchester, some at m.v.light every years (DHS); West Walk, Wickham, larvae c. on *Vaccinium myrtillus*; Wickham, v.c.; Droxford, v.c.; Southsea, v.c. (JRL)
v.c.12 - Leckford, 21.viii.87, one (DHS).
922. *Acroclita subsequana* (H.-S.)
p.134.
923. *Griselda stagnana* (D. & S.)
p.134, add:
v.c.10 - Tennyson Down, 6.viii.87, a few (JRL, ECP-C).
v.c.11 - Portsdown Hill, 1.v.86, one by day (JRL), 23.iv & 23.v.87, a few (JRL, DHS).
924. *G. myrtillana* (H. & W.)
p.134, add:
v.c.11 - Matley, c.; Chilworth, v.c. (Fassnidge, *Suppt.*, 1931).
925. *Zeiraphera ratzeburgiana* (Ratz.)
p.133, add:
v.c.11 - Winchester, 24.vii.77, 27.vii.78, 11.vii.79, 11.vii.81, 30.vii.87, singletons at m.v.light (DHS); Rowner Wild Grounds, 28.vii.72, male and female (RJD); Southsea, 17.vii.88, one at m.v.light; Havant Thicket, 16.vii.77 (JRL).
926. *Z. rufimitrana* (H.-S.)
p.133, add:
v.c.11 - Farley Mount (Fassnidge, *Suppt.*, 1931).
927. *Z. isertana* (Fabr.)
p.133, add:
v.c.10 - Wood S. of Yarmouth, and Newtown, 1974-'75, abdt. (CCS).
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 14.vii.82, c.; Ampfield, 1978, two; Winchester, some every year at m.v.light; Browndown, c. (DHS); Botley Wood, v.c.; Wickham, v.c.; Southsea, c.; Havant Thicket, v.c. (JRL).
v.c.12 - Harewood Forest, c. (DHS); Pamber, 11.vii.80, sev. at m.v. light (BG).
928. *Z. diniana* (Guen.)
p.134, add:
v.c.11 - Parkhill Inc., 5.vii.80 (BG); Sparsholt, 1979-'81 (DHS), 11.vii.81; Ampfield, 14.vii.79; Southsea, 1979, two & 30.vii.82, one (JRL). NEW VCR.
929. *Gypsonoma aceriana* (Dup.)
p.132, add:
v.c.11 - Winchester, 19.vii.84, one at m.v.light (DHS); Park Gate, c.; Portsmouth, c.; Southsea, c. (JRL).
930. *G. sociana* (Haw.)
p.132, add:
v.c.11 - Highcliffe (EHW); Winchester, 23.vi.83, one at m.v.light (DHS); Wickham, f.c.; Southsea, f.c. (JRL).
v.c.12 - Chilbolton, bred from poplar shoots collected from roadside trees on 2.v.83 & 5.v.84 (DHS).
931. *G. dealbana* (Fröl.)
p.133, add:
v.c.11 - Highcliffe (EHW); New Forest, found in all wooded areas worked; Sparsholt, 1977; Emer Bog, f.c.; Ampfield, 26.vii.78; Winchester, few every year (DHS); Marwell Park, Winchester, larva on *Acer campestre*, moth em. 23.vii.80 (FHNS); Curbridge, c. (RJD); Botley Wood, v.c.; Wickham, v.c.;

- Southsea, v.c.; Havant Thicket, v.c. (JRL).
- v.c.12 - Harewood Forest, c. (JRL); Leckford, 1975, larvae f.c. on oak, moths bred (DWHF); Abbotstone Down, 11.vii.80 (FHNS).
932. *G. oppressana* (Treits.)
p.133, add:
v.c.11 - Winchester, 21.vi.81, one at m.v.light (DHS); Southsea, 25.vi.76, 23.vii.87, singletons at m.v.light (JRL).
v.c.12 - Chilbolton, many bred from poplar shoots collected from roadside trees on 2.v.83 & 5.v.84 (DHS).
933. *G. minutana* (Hübner.)
p.133, add:
v.c.10 - Wood S. of Yarmouth, 31.vii.75 (CCS).
v.c.11 - Portsmouth, 1978, bred from *Populus alba* near airport (JRL), 1979, bred from same locality (BG); Southsea, 11.viii.86, one at m.v.light (JRL).
934. *Epiblema cynosbatella* (Linn.)
p.131, add:
v.c.11 - Sparsholt, f.c.; Emer Bog, f.c.; Winchester, f.c. (DHS); Upham, 1975 (DWHF); Botley Wood, c.; Wickham, c.; Droxford, c.; Southsea, c.; Havant Thicket, c. (JRL); Hayling Is. (JMW).
v.c.12 - Leckford, 4.vii.79 & 7.vii.80, few by day, and a few at m.v.light in 1988 (DHS); Bartley Heath Reserve, Hook, 1987, sc. (AHD).
935. *E. uddmanniana* (Linn.)
p.131, add:
v.c.10 - Ventnor, 4.viii.87, one at m.v.light (JRL, ECP-C); Shanklin, 1983-'84 (JMC).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Sparsholt, c.; Winchester, c. (DHS); Botley Wood, c.; Wickham, c.; Droxford, c.; Curdridge, c.; Southsea, c.; Havant Thicket, c. (JRL); Curbridge; Portsdown Hill; Oxenbourne Down (RJD); Widley, nr. Portsmouth, f.c. (PMP, 1986); Hayling Is., f.c. (JMW, 1986).
v.c.12 - Harewood Forest, c.; (DHS); Leckford, 1975, larvae f.c. on bramble (DWHF); Pamber, 11.vii.80, at m.v.light (BG).
- Many records from numerous localities in v.c's 11 & 12 (DHS).
936. *E. trimaculana* Haw.
p.131, add:
v.c.11 - Denny Bog, 11.vii.79; Winchester, 28.vi.78; Botley Wood, 1.vii.78, four; Hilsea (DHS); Droxford, f.c.; Southsea, f.c., bred from spun shoots of *Crataegus*; Oxenbourne Down, f.c. (JRL); Hayling Is. (JMW).
937. *E. rosaecolana* (Doubt.)
p.132, add:
v.c.11 - Highcliffe (EHW); Winchester, few every year at m.v.light (DHS); Botley Wood, c.; Southsea, c. (JRL); Hayling Is., 25.vi.86, one at m.v.light (JMW).
v.c.12 - Leckford, 16.vii.78, 25.vi.88 (DHS); Armsworth, 1975, few at m.v.light (DWHF).
938. *E. roborana* (D. & S.)
p.132, add:
v.c.10 - Newtown, 4.viii.75 (CCS).
v.c.11 - Holmhill, 11.vii.79, c.; Winchester, few most years at m.v.light (DHS); Sparsholt, c.; Botley Wood, c.; Southsea, c.; Havant Thicket, c. (JRL); Portsdown Hill, few, genitalia checked; Oxenbourne Down, few, genitalia checked (RJD).
v.c.12 - Leckford, occ. at m.v.light (DHS); Bartley Heath Reserve, Hook, 1987, sc. (AHD).

939. *E. incarnatana* (Hübner.)
p.132.
940. *E. tetragonana* (Steph.)
p.132.
941. *E. turbidana* (Treits.)
p.131, add:
v.c.12 - Itchen Abbas, c., both as larvae and flying at dusk (JRL, DHS).
942. *E. foenella* (Linn.)
p.129, add:
v.c.10 - Shanklin, 1982 & '84 (JMC).
v.c.11 - Highcliffe (EHW); Sparsholt College, 1987, one at m.v.light (AHD); Winchester, few most years at m.v.light (DHS); Portsdown Hill, 9.viii.71 (RJD); Southsea, 1979, many bred from *Artemisia vulgaris* (JRL, DHS).
v.c.12 - Leckford, 11.viii.78 (DHS); Alresford Pond, 18.vii.82 (FHNS).
943. *E. scutulana* (D. & S.)
p.129, add:
v.c.11 - Needs Ore Nature Reserve, 5.vi.85, sev. by day; Emer Bog, occ. (DHS); Sparsholt, c.; Botley Wood, c.; Wickham, c.; Curdridge, c.; Southsea, c. (JRL).
- f. cirsiana* (Zell.)
v.c.11 - Eling, 4.vi.75, one by day (DWHF); Sparsholt; Ampfield; Botley Wood (DHS); Ashurst, 33.vi.85, one; Portsdown, f.c.; Southsea, regularly at m.v.light (JRL); Oxenbourne Down, c. (RJD).
944. *E. cnicicolana* (Zell.)
p.130, delete:
v.c.12 - Itchen Valley, v.loc. (DWHF). The record was due to mis-identification; the species is unrecorded from v.c.12.

add:
v.c.11 - Botley Wood, 20.vi.76, genitalia checked (Langmaid, 1979, *Entomologist's Rec.J.Var.* 91: 125). NEW VCR.
945. *E. sticticana* (Fabr.)
= *farfarae* (Fletcher.)
p.130, add:
v.c.11 - Highcliffe (EHW); Wickham, f.c.; Portsmouth, f.c.; Havant Thicket, f.c. (JRL); Oxenbourne Down, 21.vi.79 (DHS).
v.c.12 - Leckford, 5.vi.77, 7.vii.78, 7.viii.82, 16.viii.86, c. in sunshine on river bank (DHS); Bartley Heath Reserve, Hook, 1987, c. but v.loc. (AHD).
946. *E. costipunctana* (Haw.)
p.130, add:
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 6.vi.84, few; Broughton Down, 3.vii.83, few; Sparsholt (DHS); Winchester, 11.vi.84 (WCNHS); Teg Down, Winchester, c.; Botley Wood, c.; Exton, f.c.; Beacon Hill, c.; Portsmouth, f.c. (JRL)
v.c.12 - Harewood Forest, 4.vii.79, 11.vii.87; Leckford, 12.vii.79, also in 1980, '81 & '87, by day (DHS); Alresford Marsh, 1984 (WCNHS).
947. *Pelochrista caecimaculana* (Hübner.)
p.129, add:
v.c.11 - Portsdown Hill, 13.vii.86, one by day; 17.vii.86, three; 9.vii.87, one (JRL, DHS).

948. *Eriopsela quadrana* (Hübner.)
p.129, add:
v.c.11 - Baddesley Cover, 1930, v.c., larvae abdt. later (Fassnidge, *Suppt.*, 1931); Botley Wood, loc.f.c.; Wickham, 28.v.75 (JRL).
949. *Eucosma conterminana* (H.-S.)
v.c.12 - Itchen Valley, 2.vii.76, one at m.v.light (DWHF). See Goater (1983).
950. *E. tripoliana* (Barr.)
p.128, add:
v.c.11 - Lower Test Marshes Nature Reserve (DHS); Bursledon, v.c.; Portsmouth, f.c. (JRL); Farlington Marsh, 27.viii.87, one (JRL, DHS).
951. *E. aemulana* (Schläg.)
p.128.
952. *E. metzneriana* (Treits.)
v.c.11 - Southsea, 21.vi.82, female at m.v.light; second British record (Langmaid, 1982, *Entomologist's Rec.J.Var.* 94: 202). See Goater (1983).
953. *E. campoliliana* (D. & S.)
p.128, add:
v.c.10 - Brook Down, 21.vii.74; St. Helens, 3.viii.74 (CCS).
v.c.11 - Winchester, occ. at m.v.light (DHS); Botley Wood, 22.viii.79; Browndown, 26.vii.79, three (DHS); Teg Down, Winchester, f.c.; Wickham, sc.; Southsea, f.c.; Oxenbourne Down, sc. (JRL).
v.c.12 - Harewood Forest, 4.vii.79; Leckford, 16.vii.80, one (DHS).
954. *E. pupillana* (Clerck)
p.129.
955. *E. hohenwartiana* (D. & S.)
p.127, add:
v.c.10 - Newtown, 4.viii.74 (CCS); Ventnor, 2.viii.87, one by day (JRL, ECP-C); Five Houses, Shanklin, 23.vii.84 (JMC).
v.c.11 - Highcliffe (EHW); Sparsholt, c.; Emer Bog, 4.vii.79, f.c.; St. Catherines Hill, Winchester, 15.vii.79, c. (DHS); Teg Down, Winchester, c.; Botley Wood, c.; Wickham, c.; Southsea, c.; Oxenbourne Down, c. (JRL).
v.c.12 - Leckford, c. by day; Stockbridge; West Down, Chilbolton (DHS); Longmoor, c. (JRL).
956. *E. fulvana* (Steph.)
p.127, add:
v.c.11 - Winchester, few every year (DHS); Sparsholt, f.c.; Teg Down, Winchester, c.; Botley Wood, f.c.; Portsdown Hill, f.c. (JRL).
v.c.12 - Leckford, usually f.c. (DHS).
957. *E. cana* (Haw.)
p.127, add:
v.c.10 - Freshwater, 20.vii.74 (CCS).
v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, c.; Broughton Down, c.; Sparsholt, sev. most years; Emer Bog, f.c.; Teg Down, Winchester, f.c.; St. Catherines Hill, Winchester, c. (DHS); Wickham, c.; Droxford, c.; Southsea, c.; Farlington Marsh, c.; Havant Thicket, c. (JRL).
v.c.12 - Harewood Forest, 17.vii.79, c.; Leckford, c. by day; Itchen Abbas, 1977, f.c. (DHS); Stockbridge Down, c. (JRL).
958. *E. obumbratana* (Lien.)

- p.128, add:
v.c.10 - Freshwater Marsh, 21.vii.74; Newtown, 4.viii.75 (CCS).
v.c.11 - Winchester, 31.vii.77, 4.viii.78 & 19.vii.83, singletons at m.v.light (DHS); Southsea, sc. (JRL).
959. *Thiodia citrana* (Hübner.)
p.127, add:
v.c.11 - Ashurst, 3.viii.85, one (DHS); Southsea, c. (JRL).
960. *Spilonota ocellana* (D. & S.)
p.126, add:
v.c.11 - Highcliffe (EHW); Dean, nr. Winchester, 21.vii.79, f.c.; Winchester, sev. every year; Browndown, 26.vii.79, c. (DHS); Wickham, c.; Portsmouth, c.; Southsea, c.; Havant Thicket, c. (JRL); Oxenbourne Down, c. (RJD); Hayling Is., c. (JMW, 1986).
v.c.12 - Harewood Forest, c. (JRL); Leckford, 15.vii.78 (DHS); Oakley, 21.vii.83, one at m.v.light (AHD).
961. *S. laricana* (Hein.)
p.127, add:
v.c.11 - Winchester, occ. at m.v.light (DHS); Wickham, c.; Havant Thicket, c., bred from *Larix* (JRL).
v.c.12 - Itchen Valley, one bred from larva on *Larix* coll. 25.v.76 (DWHF); Oakley, 8.vii.83, one & 6.vii.84, three (AHD). NEW VCR.
962. *Clavigesta sylvestrana* (Curt.)
p.126, add:
v.c.11 - Highcliffe (EHW); Southsea, 14.viii.78, 2.viii.80, 2.viii.81, 9.viii.82, 23 & 28.viii.85, singletons at m.v.light (JRL).
963. *C. purdeyi* (Durr.)
p.126, add:
v.c.11 - Highcliffe (EHW); Winchester, 25.viii.78 and subsequently, at m.v.light (DHS); Southsea, f.c. (JRL).
964. *Blastesthia posticana* (Zett.)
p.126, add:
v.c.11 - Markway, c., bred from *Pinus*; Matley Passage (JRL); Roydon Woods Nature Reserve, 28.iv.85, one larva, moth bred (DHS); Stoney Cross, 21.iv.91, one bred (BG); Havant Thicket, 1979, one bred (DWHF).
965. *B. turionella* (Linn.)
p.126, add:
v.c.11 - Markway, 1975, one bred from *Pinus*; Stoney Cross, 3.v.91, one bred (BG); Southsea, sc. (JRL); Winchester, 31.v.82, one at m.v.light (DHS).
966. *Rhyacionia buoliana* (D. & S.)
p.125, add:
v.c.11 - Highcliffe (EHW); Markway, c., bred; Botley Wood, c.; Southsea, occ. (JRL); Mallard Wood, 30.vii.84, few; Emer Bog, 30.vii.83, few (DHS); Hayling Is., 1.viii.77 (JMW).
967. *R. pinicolana* (Doubt.)
p.125, add:
v.c.11 - Highcliffe (EHW); Markway, 1975, one bred; Parkhill Inc; Holmhill (JRL, DHS); Emery Down (JEC); Oxenbourne Down, c. in pine plantation (RJD).
v.c.12 - Whiteparish, 1.viii.79, four (DHS); Overton, 12.viii.81 (AHD).
968. *R. pinivorana* (Lien.)
p.125, add:

- v.c.11 - Markway, c. (JRL); Winchester, 1977, two at m.v.light; Botley Wood, 1.vii.78 (DHS); Upham, 1975 (DWHF); Southsea, sc. (JRL).
v.c.12 - Newtown Common, 19.iv.87, one larva, moth bred (DHS).
969. *Cryptophlebia leucotreta* (Meyr.)
v.c.11 - Winchester, 20.vii.80, one bred from orange, Winchester College, by P. Convey, det.DHS (comm.DHS). See Goater (1983).
add:
v.c.11 - Southsea, 10.viii.83, one at m.v.light (JRL).
970. *Enarmonia formosana* (Scop.)
p.125, add:
v.c.11 - Highcliffe (EHW); Emer Bog, 5 & 10.v.86, and 24.iv.88, larvae in cherry bark, moths bred (JRL, DHS); Winchester, 26.ix.86, an unusually late date (DHS); Southsea, c. (JRL).
v.c.12 - Oakley, 1984, one at m.v.light (AHD).
971. *Eucosmomorpha albersana* (Hübner.)
p.125, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 9.vi.78, two; Emer Bog, 9.vi.84, one, 1.vi.87, two; Botley Wood, 2.vi.79, two (DHS), c.; Wickham, c. (JRL).
972. *Lathronympha strigana* (Fabr.)
p.124, add:
v.c.11 - Highcliffe (EHW); Church Place Inc., c.; Farley Mount, 1977; Sparsholt, c.; Winchester, f.c.; Botley Wood, c. (DHS); Wickham, c.; West Meon, 1.vi.85, f.c.; Exton, c.; Droxford, c.; Portsdown Hill, c.; Portsmouth, c.; Southsea, c. (JRL); Upham (DWHF); Oxenbourne Down, few (RJD); Hayling Is., c. (JMW, 1986).
v.c.12 - Harewood Forest, c.; Leckford, c. (JRL); Armsworth, 1975 (DWHF).
973. *Strophedra weirana* (Dougl.)
p.124, add:
v.c.11 - Sparsholt, larvae between spun leaves of *Fagus*; Ampfield, 14.vii.79; few larvae on 28.ix.85; Emer Bog, 29.viii.87, a few larvae (JRL, DHS); Farley Mount, 8.vii.81 (FHNS); Winchester, moths at m.v.light, and larvae on *Fagus*, most years (DHS); Botley Wood (RJD); Upham, 1975 (DWHF); West Walk, Wickham, 28.vi.86, two at m.v.light; Wickham, 19.vii.75 (JRL); Hen Wood, East Meon, occurs (JRL, DHS).
v.c.12 - Harewood Forest, 8.ix.82, larvae on *Fagus*; Leckford, 12.ix.84 & 2.x.85, larvae (DHS); Itchen Valley, 8.vi.76, sev. on wing at 0700 GMT (DWHF).
974. *S. nitidana* (Fabr.)
p.124, add:
v.c.11 - Sparsholt, 6.vii.84, one at m.v.light (DHS); Ampfield, 14.vi.76, one by day (DWHF); Emer Bog, 28.vi.87, one by day (DHS).
v.c.12 - Hook, 15.vi.76, one by day (DWHF); Newtown Common, 30.vi.88, one by day (DHS).
975. *Pammene splendidulana* (Guen.)
p.122, add:
v.c.11 - Sparsholt, 31.v.79 (DHS), bred from spongy oak galls coll. 29.xii.79; Botley Wood, 17.v.80, 7.v.84 (JRL).
v.c.12 - Newtown Common, one bred from spongy oak galls coll. 12.iv.86 (DHS).
976. *P. obscurana* (Steph.)
v.c.11 - Botley Wood, 3.vi.76, female netted flying around birch in afternoon sun (D.W.H. Ffennell, comm. Dickson, 1977, *Entomologist's Rec.J. Var.* 89: 76).

v.c.12 - Woolmer Forest, 6.vi.76, two by day (DWHF). See Goater (1983).

add:

v.c.11 - Emer Bog, 29.v.86, one by day from clump of low birches at edge of bog, genitalia det. (DHS).

977. *P. inquilina* Fletch.

= *inquilana* mis-spelling

p.122, add:

v.c.11 - Highcliffe (EHW); Havant Thicket, 10.iv.76 (JRL), 5.iv.80, one by day (DHS).

v.c.12 - Harewood Forest, 27.iii.76, three; Tadley Common, 10.iv.76, flying amongst birch (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 76).

978. *P. argyrana* (Hübner.)

p.122, add:

v.c.11 - Church Place Inc., 5.v.85, one; Sparsholt, 29.v & 8.vi.78 (DHS); Wickham, c.; Havant Thicket, c. (JRL).

979. *P. albuginana* (Guen.)

p.122, add:

v.c.11 - Beaulieu, one bred from spongy oak galls coll. 22.ix.85; Emer Bog, 22.vi.85, three at m.v.light, genitalia checked; Botley Wood, 12.vi.83, one, genitalia checked; West Walk, Wickham, 28.vi.86, one at m.v.light, genitalia checked (JRL).

v.c.12 - Newtown Common, sev. bred in 1986 & '87 from spongy oak galls (JRL, DHS). NEW VCR.

980. *P. spiniana* (Dup.)

p.122, add:

v.c.11 - Winchester, 6.viii.77, one at m.v.light (DHS).

981. *P. populana* (Fabr.)

p.122, add:

v.c.11 - Emer Bog, one em. from spinning on *Salix* coll.28.v.84 (DHS).

v.c.12 - Leckford, two em. from spinings on *S. viminalis* coll. 31.v.83 (DHS).

982. *P. aurantiana* (Stdgr)

p.123, add:

v.c.10 - Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); Shanklin, c. (JMC). NEW VCR.

v.c.11 - Highcliffe (EHW); Winchester, few at m.v.light most years, 1977-'88 (DHS); Southsea, 15.viii.74, 27.vii.78 & 16.vii.86, singletons at m.v.light (JRL).

v.c.12 - Leckford, 11.viii.83, one (DHS, JRL); Micheldever, July 1976, one at m.v.light (CHD).

983. *P. regiana* (Zell.)

p.123, add:

v.c.10 - Shanklin, 24.vii & 10.viii.84, singletons (JMC). NEW VCR.

v.c.11 - Highcliffe (EHW); Emer Bog, 28.vi.87, one; Winchester, bred in 1980 & '81, and a few most years at m.v.light (DHS); Fareham, 27.v.73, larvae and pupae c.; Catisfield (RJD); Southsea, cocoons f.c. (JRL).

v.c.12 - Leckford, 1975, one bred (DWHF).

984. *P. trauniana* (D. & S.)

v.c.11 - Botley Wood, one swept from field maple, 27.v.76, identity confirmed by J.D. Bradley (Dickson, 1977, *Entomologist's Rec.J. Var.* 89: 76). See Goater (1983).

add:

v.c.11 - Winchester, 1.vi.83, 10.vii.84 & 5.vii.85, singletons at m.v.light (DHS).

985. *P. fasciana* (Linn.)
p.123, add:
v.c.11 - Highcliffe (EHW); Holmhill, 14.vii.79, three at m.v.light; Needs Ore Nature Reserve, 14.vii.82, two; Winchester, 5.vii.85, one at m.v.light (DHS); Curbridge; Botley Wood, c.; West Walk, Wickham, c.; Portsdown Hill, 3.vii.75 (RJD); Wickham, c.; Southsea, f.c. (JRL).
v.c.12 - Oakley, 1983 & '84, three each year (AHD); Newtown Common, one bred from spongy oak gall coll. 12.iv.86 (DHS).
986. *P. herrichiana* (Hein.)
p.123, add:
v.c.11 - Ashurst, 3.vi.85, one (JRL); Winchester, 2.vi.85 & 17.vi.86, singletons at m.v. light, genitalia det. (DHS).
987. *P. germana* (Hübner.)
p.123, add:
v.c.11 - Botley Wood, v.loc.c.; in swarms there on 12 & 19.vi.83; also in smaller numbers on 7.vi.84, 2.vi.85, 11.vi.88 (JRL, DHS).
v.c.12 - Itchen Valley, 8.vi.75, a few on wing about 0700 GMT. (DWHF).
988. *P. oxsenheimeriana* (Lien.)
p.124, add:
v.c.11 - Botley Wood, 12.vi.83, 2.vi.85, 11.vi.88, singletons (DHS); Havant Thicket, 1977, two bred from aborted buds of *Abies grandis* (JRL).
989. *P. rhediella* (Clerck)
p.124, add:
v.c.11 - Chilbolton, 25.v.79 (BG); Farley Mount, 25.vii.78; Sparsholt, 1982, four; Dean, nr. Winchester, 24.v.79; Teg Down, Winchester, 31.v.86, one (DHS); Botley Wood, c.; Stephens Castle Down, c.; Portsmouth, f.c.; Portsdown Hill, c.; Havant Thicket, f.c.; Oxenbourne Down, c.; Hayling Is., 7.vi.86, one (JRL).
v.c.12 - Leckford, 31.v.83, few (DHS).
990. *Cydia compositella* (Fabr.)
p.121, add:
v.c.11 - Ashurst, 3.viii.85 (JRL, DHS); Farley Mount, 22.vi.79; Sparsholt, 23.vii.84; Teg Down, Winchester, sev. most years, particularly in 1982 (DHS); Botley Wood, c.; Droxford, c.; Curdridge, c.; Southsea, c. (JRL); Portsdown Hill, 19.v.72, one by day (RJD).
v.c.12 - Leckford, occ. (DHS); Bramley Frith Wood, 18.vi.88, sc. (AHD).
991. *C. internana* (Guen.)
p.121, add:
v.c.11 - Highcliffe (EHW); Burley, 27.v.76, one by day (DWHF); Black Gutter Bottom, 10.vi.79, c. (BG).
v.c.12 - West Down, Chilbolton, 5.v.84, one (JRL, DHS).
992. *C. gemmiferana* (Treits.)
p.120, CORRECTION:

for Luccombe Cine read Luccombe Chine.
993. *C. janthinana* (Dup.)
p.120, add:
v.c.11 - Sparsholt, 1983, bred from *Crataegus* fruits; Teg Down, Winchester, 1983, bred; Winchester, 1983 & '85, occ. at m.v.light (DHS); Portsdown, 17.vii.86; Southsea, occ. at m.v.light; Havant Thicket, f.c., bred from fruits of *Crataegus* (JRL).
v.c.12 - Leckford, 1984, bred from *Crataegus* fruits (DHS).

994. *C. tenebrosana* (Dup.)
p.120, add:
v.c.11 - Beaulieu, one em. from spongy oak gall coll. 27.ix.85, genitalia det.; Sparsholt, 1983 & '84, bred from larvae in rose hips (DHS); Havant Thicket, 6.x.83, larvae c. in rose hips (JRL).
995. *C. funebrana* (Treits.)
p.121, add:
v.c.11 - Emer Bog & Teg Down, Winchester, 1984, bred from sloes; Winchester, 9.vii.83, 18.viii.84, 29.vii.85 & 2.vii.88, singletons at m.v.light (DHS); Botley Wood, 24.viii.86, few larvae in sloes; Southsea, 22.viii.76, one at m.v.light, genitalia checked (JRL).
996. *C. molesta* (Busck)

v.c.11 - Specimen bred in 1987 by R.A.Bell from a larva in an Italian peach purchased at Sainsbury's, Badger Farm, Winchester, and given to DHS for identification; another bred from a Spanish nectarine purchased at the same store on 21.viii.88, moth em. 11.ix.88 (DHS). NEW COUNTY RECORD.
997. [*C. lathyrana* (Hübner.)]
p.121.
998. *C. jungiella* (Clerck)
p.121, add:
v.c.11 - Teg Down, Winchester, abdt. (DHS); Botley Wood, v.c.; Droxford, v.c.; Portsmouth, c.; Southsea, c. (JRL); Portsdown Hill, 19.v.72 (RJD).
999. *C. strobilella* (Linn.)
p.120, add:
v.c.11 - Ornamental Drive, New Forest, 1984, many bred from fallen spruce cones; Ampfield, 1986, bred from spruce cones; Winchester, 1984, many bred from cones picked up on roadsides (JRL, DHS).
1000. *C. succedana* (D. & S.)
p.117, add:
Continues to be common throughout v.c.'s 11 & 12 wherever gorse grows (DHS).
1001. *C. servillana* (Dup.)
p.117, add:
v.c.11 - Botley Wood, f.c.; Havant Thicket, f.c. (JRL).
v.c.12 - Leckford, 3.v.82, one disturbed by day from *Salix*; 1986, one bred from *Salix* (DHS); Winnall Moors, 23.vi.83, one; 10.xi.84, one gall, moth bred (DHS); Woolmer Forest, 1974, galls loc. abdt. in young shoots of *Salix* suckers, numerous moths bred; 1988, galls f.c., no moths bred (BG).
1002. *C. nigricana* (Fabr.)
p.118, add:
v.c.11 - Sparsholt, 9.vii.78; Emer Bog, 28.vi.87, one (DHS); Botley Wood, f.c.; Droxford, sc. (JRL); Hen Wood, East Meon, 26.vi.86, one by day (DHS).
v.c.12 - Leckford, 1984, infesting pea crops on Leckford Estate; Sparsholt (v.c.12), 1985, larvae in peas in a garden, moths bred (DHS). NEW VCR.
1003. *C. fagiglandana* (Zell.)
p.118, add:
v.c.10 - Newtown, 4.viii.75, two (CCS); Ventnor, 3.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Parkhill Inc., c. (JRL); Sparsholt; Emer Bog, 30.vii.83; Winchester, c. at m.v.light (DHS); Upham, 1975 (DWHF); Wickham, c.; West

- Meon, 1.vi.85 & 26.vi.86; Southsea, c. (JRL).
 v.c.12 - Harewood Forest, 2.viii.80 (JRL); Leckford, few (DHS); Bramdean Common, 27.vi.80 (FHNS).
1004. *C. splendana* (Hübner.)
 p.118, add:
 v.c.10 - Wood S. of Yarmouth, 21.viii.73; Brook Down, 28.viii.73; Newtown, 4.viii.75; St. Helens, 3.viii.74 (CCS); Ventnor, Aug.1987, f.c. (JRL, ECP-C); Shanklin, c.; Haven Street; Porchfield (JMC).
 v.c.11 - Highcliffe (EHW); Emer Bog, c.; Winchester, few every year at m.v.light (DHS); Botley Wood, c.; Wickham, c.; Southsea, c.; Oxenbourne Down, c.; Havant Thicket, c. (JRL); Curbridge, c. (RJD).
 v.c.12 - Harewood Forest, c. (JRL); Winnall Moors, 12.vii.87, 13.viii.88, singletons at m.v.light (JRL, DHS); Armsworth, 14.viii.75, sev. at m.v.light, including dark forms (DWHF).
1005. *C. pomonella* (Linn.)
 p.118, add:
 v.c.11 - Winchester, many at m.v.light in garden every year (DHS); Southsea, c. (JRL).
 v.c.12 - Leckford, 13.viii.86, few at m.v.light; Winnall Moors, 13.viii.88, one (DHS).
1006. *C. saltitans* (Westw.) Jumping Bean Moth
 v.c.11 - Southsea, 8.ix.90, one at m.v.light (Langmaid, 1991, *Entomologist's Gaz.* 42: 254). Although there can be no doubt that this specimen originated from an imported Mexican "jumping bean", this appears to be the first instance of the species having been taken at large in Britain.
1008. *C. medicaginis* Kuznetsov
 v.c.11 - Southampton, 19 & 26.vi.70, by D.J.L. Agassiz (Agassiz & Karsholt, 1989, *Entomologist's Gaz.* 40: 193-196, figs. 3,4, Pl. 15). In the same paper, the species is recorded as occurring commonly in Grays Chalk Quarry, Essex, and there are two old specimens simply labelled "England". NEW TO BRITAIN.
1009. *C. pactolana* (Zell.)
 p.119, add:
 v.c.11 - Botley Wood, 1.vi.76, male taken by day by D. Appleton, det. J.D. Bradley in Brit. Mus. (Nat. Hist.) (Dickson, 1977, *Entomologist's Rec. J. Var.* 89: 76), 19.vi.83 (JRL), 7.vi.84 (JRL, DHS), 2.vi.85 (JRL, ECP-C). Genitalia of all specimens checked. NEW VCR.
1010. *C. illutana* (H.-S.)
 v.c.11 - Southsea, 10.vi.75, one at m.v.light, genitalia det.; the earliest known British specimen (Langmaid, 1988, *Entomologist's Rec. J. Var.* 100: 162).
 NEW COUNTY RECORD for this species recently discovered in Britain.
1011. *C. cosmophorana* (Treits.)
 p.119, add:
 v.c.11 - Burley, 18 & 27.v.76, few beaten from small pines by day; Botley Wood, 3.vi.76, one by day (DWHF).
 v.c.12 - Woolmer Forest, 5 & 6.vi.76, singletons by day (DWHF). NEW VCR.
1012. *C. coniferana* (Ratz.)
 p.119, add:
 v.c.11 - Church Place Inc., 22.vii.79; Winchester, 29.vii.83, one at m.v.light, genitalia det. (DHS).

1013. *C. conicolana* (Heyl.)
p.119, add:
v.c.11 - Denny Bog, Matley Bog & Roydon, bred from *Pinus sylvestris* cones (JRL, DHS); Upham, 1975 (DWHF).
v.c.12 - Woolmer Forest, 6.vi.76, abdt. flying round pines, late afternoon (DWHF), 1988, sev. bred from pine cones (BG); Longmoor, two bred from pine cones coll. 7.iv.85 (JRL, DHS).
1014. *C. gallicana* (Guen.)
p.120, add:
v.c.11 - Teg Down, Winchester, bred from larvae in *Daucus* coll. Sept.1984 (DHS); Southsea, larvae c. in heads of *Daucus* in autumn (JRL).
v.c.12 - Armsworth, 1975, one at m.v.light (DWHF).
1015. *C. aurana* (Fabr.)
p.120, add:
v.c.11 - Sparsholt, 2.vii.79, two & 23.vii.84, one; Teg Down, Winchester, 1977; Botley Wood, 1978 & '79 (DHS), a few on 22.vi.83 (JRL).
v.c.12 - Leckford, 2.vii.79, one on flowers of *Heracleum*, and a few on 22.vi.83 (DHS); Itchen Abbas (JRL).
1016. *Dichrorampha petiverella* (Linn.)
p.115, add:
v.c.10 - Ventnor, 2.viii.87, c. (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Church Place Inc., 22.vii.79, c.; Broughton Down, 3.vii.83; Winchester, 26.vi.78, at m.v.light (DHS); Botley Wood, c.; Southsea, c. (JRL); Portsdown Hill, 3.vii.76, two (RJD).
v.c.12 - Leckford, f.c.; Stockbridge, 1977, one; Chilbolton (DHS); Longmoor, c. (JRL).
1017. *D. alpinana* (Treits.)
p.115, add:
v.c.11 - Winchester, 28.vii.81, one at m.v.light; Browndown, 26.vii.79, one (DHS); Botley Wood, 14.vii.77; Southsea, sc. (JRL); Shedfield Common, 22.vi.71 (RJD); Hayling Is., 27.vi.86, one at m.v.light (JMW).
v.c.12 - Leckford, 9.vii.81 & 7.vii.83; Longmoor, 30.vii.80 (JRL).
1018. *D. flavidorsana* Knaggs
p.115, add:
v.c.11 - Highcliffe (EHW); Southsea, 5.viii.79, f.c. amongst *Tanacetum*; many bred from roots coll. 14.ii.80 (JRL, DHS).
1019. *D. plumbagana* (Treits.)
p.115, add:
v.c.11 - Emer Bog, 44.vii.79, sev.; Teg Down, Winchester, 21.vi.78; Oxenbourne Down, 21.vii.79, c. (DHS); Curdridge, 29.v.78; Southsea, abdt. (JRL).
v.c.12 - Leckford, f.c. (DHS).
1020. *D. senectana* Guen.
p.116.
1021. *D. sequana* (Hübner.)
p.116, add:
v.c.11 - Highcliffe (EHW); Southsea, 1979, many bred from roots of *Tanacetum* and *Achillaea millefolium* (JRL, DHS).
v.c.12 - Leckford, 26.vi & 4.vii.79, 4.ix.82 & 15.vi.86, sev. by day (DHS).
1022. *D. acuminatana* (Lien.)
p.116, add:
v.c.11 - Droxford, f.c.; Southsea, 1.vi.78 & 2.vii.86 (JRL).
v.c.12 - Leckford, 12.viii.75, one by day (DWHF), 2.viii.80, genitalia checked (DHS).

1023. *D. consortana* Steph.
p.116, add:
v.c.11 - Droxford, c. (JRL).

v.c.12 - Leckford, f.c. (JRL), three bred from *Leucanthemum* heads coll. 23.xii.87 (DHS).
1024. *D. simpliciana* (Haw.)
p.116, add:
v.c.11 - Winchester, 4.viii.84, one at m.v.light; Botley Wood, 1.vii.78; Browndown, 26.vii.79 (DHS); Southsea, f.c. (JRL).
v.c.12 - Leckford, 31.vii.87, one at m.v.light (DHS); Winnall Moors, 13.viii.88, one at m.v.light (JRL, DHS).
1025. *D. sylvicolana* Hein.
p.116, add:
v.c.11 - Ashurst, 21.vii.80, one swept from *Achillaea ptarmica*; bred from roots of *A. ptarmica* coll. 26.xii.84 (JRL, DHS).
1026. *D. gueneana* Obr.
p.117, add:
v.c.10 - Ventnor, 2.viii.87, sev. by day; Brading Down, 5.viii.87, one by day (JRL, ECP-C). NEW VCR.
v.c.11 - Highcliffe (EHW); Ashurst, 11.vii.81, one; Sparsholt, 19.vii.79, one by day (DHS); Botley Wood, f.c.; Southsea, f.c. (JRL).
v.c.12 - Leckford, 15.vii.78 & 12.vii.79 (DHS); Longmoor, 3.vii.80 (JRL).
1027. *D. plumbana* (Scop.)
p.117, add:
v.c.11 - Highcliffe (EHW); Ashurst, 19.vi.85, one; Needs Ore Nature Reserve, 5.vi.85, few; Farley Mount, 11.vi.88, one by day; Teg Down, Winchester, 21.vii.79 (DHS); Botley Wood, v.c.; Droxford, v.c.; Southsea, f.c. (JRL).
v.c.12 - Leckford, c. (JRL).
1028. *D. sedatana* Busck
p.117, add:
v.c.12 - Leckford, 7.vi.80, one by day, genitalia checked (JRL, DHS).
1029. *D. aeratana* (P. & M.)
p.117, add:
v.c.11 - Botley Wood, 20.vi.76, one, genitalia checked; Droxford, 5.vi.79, two; Portsmouth, 7.vii.83; genitalia of all three checked (JRL); Hilsea, 16.vi.79, genitalia checked (DHS). NEW VCR.
v.c.12 - Leckford, 17.vi.75 (DWHF), 26.vi.79, genitalia checked (DHS), 12.vii.79, genitalia checked (JRL).

ALUCITIDAE

1030. *Alucita hexadactyla* (Linn.)
p.174, add:

According to DHS, this species has suddenly become rare in Hampshire: only one specimen seen by him recently.

- v.c.11 - Park Grounds, 11.vii.77 (DHS); Chandlers Ford, continuing c. up to 1991 (BG); Southsea, occ. (JRL).

PYRALIDAE

1031. *Euchromius ocella* (Haw.)
p.175, add:
v.c.10 - Freshwater, 23.ix.85 and 21.ix, 20.x & 12.xi.88, at m.v.light (SAK-J). (See Knill-Jones, 1989, *Entomologist's Gaz.* 40: 93).
v.c.11 - Winchester, 5.iv.85, one at m.v.light (J. Wells); Southsea, 6.x.85, one at m.v.light (JRL); Morestead, 12.x.85, one at m.v.light (DHS); St.Ives, nr. Ringwood, 11.xi.88, one at m.v.light (JC).
1032. *Chilo phragmitella* (Hübner.)
p.175, add:
v.c.10 - Freshwater Marsh, 21.vii.74 (CCS).
v.c.11 - Needs Ore Nature Reserve, 14.vii.82 (DHS); Titchfield Haven L.N.R., 5.ix.86, 27.vii.87, singletons at m.v.light (PMP); Southsea, 10.vii.77, one at m.v.light (JRL).
1033. *Calamotropha paludella* (Hübner.)
p.175, add:
v.c.11 - Winchester, 7.vii.77, one at m.v.light (DHS); Wickham Common, 29.viii.71 (RJD); Browdown, 30.vi.75, few at dusk (DWHF).
1034. *Chrysoteuchia culmella* (Linn.)
p.175.
1035. *Crambus pascuella* (Linn.)
p.175, add:
v.c.10 - Freshwater, 24.vii.74 (CCS).
v.c.11 - Emer Bog, f.c. (AHD); Winchester, occ. at m.v.light in garden (DHS); Southsea, occ. (JRL).
v.c.12 - Bramley, f.c. (AHD).
1036. *C. silvella* (Hübner.)
p.176, add:
v.c.11 - Matley Passage, 30.vii.76, c. in evening shortly before dusk (BG); Ferny Croft, nr. Mallard Wood, 24.vii.81 (FHNS).
1037. *C. uliginosellus* Zell.
p.176, add:
v.c.11 - Ferny Croft, nr. Mallard Wood, 9 & 16.vii.81 (FHNS), 3.vii.82, f.c. (DHS); Shedfield Common, sev. seen annually in a damp, peaty corner of the Common until 1973 (RJD).
1038. *C. hamella* (Thunb.)
p.176, add:
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Ipley Manor, 4.ix.79 (FHNS); White Moor, nr. Lyndhurst, 28.viii.84, two (DHS).
v.c.12 - Newtown Common, 20.viii.89, one disturbed by day (DHS).
1039. *C. pratella* (Linn.)
p.176.
1040. *C. lathoniellus* Zinck.
= *nemorella* auctt.
p.177.
1041. *C. perlella* (Scop.)
p.177.

1042. *Agriphila selasella* (Hübner.)
p.177, add:
v.c.10 - Freshwater, f.c. (SAK-J, 1988); Yarmouth, 27.vii.75, in salt marsh to west of the estuary; St. Helens, 3.viii.74, f.c. (CCS).
v.c.11 - Ladycross & Denny Bog, few; Lower Test Marshes Nature Reserve, 12.viii.82, few; Emer Bog, 6.viii.87, a few; Fletchwood Meadows, 27.vii.88, sev. (DHS); Chandlers Ford, 7.viii.91, one at light (BG); Southsea, sc. (JRL).
v.c.12 - Bramley Frith Reserve, Aug.1991, colony in damp grassland (AHD).
1043. *A. straminella* (D. & S.)
p.177.
1044. *A. tristella* (D. & S.)
p.177.
1045. *A. inquinatella* (D. & S.)
p.177.
1046. *A. latistria* (Haw.)
p.177, add:
v.c.10 - Freshwater, occ.; Cranmore, 27.viii.58 (SAK-J, 1988); Shanklin; Haven Street; Locks Farm (JMC).
v.c.11 - St. Ives, nr. Ringwood, 1988 (JC); Highcliffe (EHW); Lyndhurst, 13.ix.78 (BG); Ladycross, 31.viii.79, a few; Denny Bog, 27.viii.78, three; Winchester, 1977, one at m.v.light, and another, 8.ix.88 (DHS); Emer Bog, sc. (AHD); Chandlers Ford, 15.viii.91, one at light (BG); West Walk, Wickham, 31.viii.74, four; Wickham Common, 29.viii.71 (RJD); Southsea, 28.viii.81, 14.viii.83, 11.viii.86, singletons at m.v.light (JRL); Little Butser Hill, 16.viii.76, two (AHD).
1047. *A. geniculea* (Haw.)
p.178.
1048. *Catoptria pinella* (Linn.)
p.178, add:
v.c.10 - Freshwater, sc. (SAK-J, 1988).
v.c.11 - St. Ives, nr. Ringwood, 1988 (JC); Highcliffe (EHW); New Copse Inc., 13.viii.80; Holmhill, 25.vii.79, f.c., and occasionally in other localities in the New Forest; Winchester, v.occ. at m.v.light trap in garden (DHS); Emery Down (JEC); West Walk, Wickham; Wickham Common (RJD); Southsea, sc.; Oxenbourne Down, c. (JRL).
v.c.12 - Leckford, 23.viii.78 (DHS).
1049. *C. falsella* (D. & S.)
p.178, add:
v.c.10 - Freshwater, f.c. in recent years (SAK-J, 1988); Brook Down, 23.viii.73 (CCS).
v.c.11 - St. Ives, nr. Ringwood, 8.ix.88 (JC); Farley Mount, 8.vii.81 (FHNS); Sparsholt, 31.vii.82 (JRL); Winchester, 17.viii.77 & 17.viii.78, singletons at m.v.light, and recorded again in 1983, '85 & '87 (DHS); Chandlers Ford, 4.viii.91, one at light (BG); Southsea, 30.vii.84, one at m.v.light (JRL).
v.c.12 - Stockbridge, 19.vii.88, one in a garden; Winnall Moors Nature Reserve, 6.vii.83, a few (DHS); East Stratton, 20.vii.88, one at m.v.light (BI-J); Overton, 1980, six & 1981, four, at a Rothamsted trap; Bartley Heath Reserve, Hook, 1987, sc. and loc. (AHD).
1050. *C. verellus* (Zinck.)
p.178.
1051. *Thisanotia chrysonuchella* (Scop.)
p.178, add:

There have been no reports of this interesting species in the county recently, and it is feared that it might have been lost through habitat destruction.

1052. [*Pediasia fascelinella* (Hübner.)]
p.179.
1053. *P. contaminella* (Hübner.)
p.179, add:
v.c.11 - Browndown, 26-27.vii.79, c.; Southsea, 5.viii.79, a few (DHS), occ. at m.v.light; Farlington Marsh, 19.vi.84 (JRL); Hayling Is., 26 between 14 & 16.vii.78 (JMW).
1054. *P. aridella* (Thunberg.)
p.179, add:
v.c.11 - Needs Ore Nature Reserve, 14.vii.82, one at m.v.light; Farlington Marsh, 18.vii.84, one (DHS); Southsea, 19.vii.90 (2), 22.vii.90 (1) at m.v.light (JRL).
1055. *Platytes alpinella* (Hübner.)
p.179, add:
v.c.10 - Freshwater, 16.viii.83, 22.viii.87, at m.v.light (SAK-J).
v.c.11 - Hayling Is., 13 between 12.vii & 9.viii.77 (JMW).
v.c.12 - Martyr Worthy, 2.vii.76, one at m.v.light (DWHF). NEW VCR.
1056. *P. cerussella* (D. & S.)
p.179, add:
v.c.10 - Red Cliff, 18.vi.73 (RJD).
v.c.11 - Hurst Castle, 30.vi.79, c.; Needs Ore Nature Reserve, 14.vii.82, few (DHS); Southsea, c. (JRL); Hayling Is., 1977 (JMW).
1057. *Schoenobius gigantella* (D. & S.)
p.180, add:
v.c.11 - Winchester, 8.vii.89, one at m.v.light in garden (DHS); Hayling Is., 25.viii.77 (JMW).
1058. *S. forficella* (Thunberg.)
p.180, add:
v.c.10 - Freshwater & Freshwater Bay, occ. (SAK-J, 1988); Shanklin, 16.vii.83 (JMC).
v.c.11 - Winchester, 2.viii.81, 2.vii.83, singletons at m.v.light; Farlington Marsh, 30.vi.88, one by day (DHS).
1059. *Donacaula mucronellus* (D. & S.)
p.180, add:
v.c.10 - Freshwater, 6.vii.67; Freshwater Bay, 12.vi.66 (SAK-J). NEW VCR.
v.c.11 - St. Ives, nr. Ringwood, 1988 (JC); Emer Bog, f.c. (AHD), 4.vii.79, seven; Winchester, 1976, one at m.v.light, another on 6.vii.83 (DHS); Titchfield Haven L.N.R., June-July, 1987, three at m.v.light (PMP); Hayling Is., 23.viii.77 (JMW).
v.c.12 - Leckford, 26.vii.86, one at m.v.light; Winnall Moors Nature Reserve, 22.vii.83, two, and 13.viii.88, one (DHS); Alresford Pond, 18.vii.82 (FHNS).
1060. *Scoparia subfusca* Haw.
= *cembrella* (Linn.)
p.181, add:
v.c.10 - St. Lawrence, 20.viii.82 (NH); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Emer Bog, 30.vii.83, a few; Winchester, annually until 1979, none since (DHS); West Walk, Wickham, 3.viii.74 & 19.vii.75 (RJD); Southsea, 25.vii.84, one at m.v.light; Oxenbourne Down, 2.viii.75 (JRL).
v.c.12 - Overton, few each year; Oakley, 20.vii.82; Bramley, sc. (AHD).

1061. *S. pyralella* (D.& S.)
 = *arundinata* (Thunb.)
 p.181, add:
 v.c.10 - Shanklin, c. (JMC).
 v.c.11 - Highcliffe (EHW); Emery Down (JEC); Sparsholt, c.; Dean, nr. Winchester, c.; Winchester c. (DHS); Droxford, c.; Portsdown, c.; Southsea, c.; Oxenbourne Down, c. (JRL).
 v.c.12 - Leckford, 25.vi.78, f.c., and most years since (DHS); Overton, c.; Oakley, 2.vii.82; Bramley, f.c. (AHD).

1062. *S. ambigualis* (Treits.)
 p.181, add:
 v.c.11 - Highcliffe (EHW); Emery Down (JEC); Winchester, c. (DHS); Wickham, c.; Droxford, c.; Havant Thicket, c. (JRL); Curbridge; Oxenbourne Down, abdt. (RJD).
 v.c.12 - Harewood Forest, c. (DHS); Overton, 1980, one; Oakley, 1982, f.c. (AHD).

Also recorded from many other areas in v.c.'s 11 & 12 (JRL, DHS).

1063. *S. basistrigalis* Knaggs
 p.182, add:
 v.c.10 - St. Lawrence, 1980, a few (EHW); Ventnor, 2.viii.87, a few at m.v.light (JRL, ECP-C).
 v.c.11 - Highcliffe (EHW); Ladycross, 13.vi.80, one; Holmhill, 25.vii.79, three; Parkhill Inc., 29.vii.78; Denny Bog, 11.vii.79; Mallard Wood, 3.vii.82; Sparsholt, 1979 & '84, a few (DHS); Emery Down, f.c. (JEC); Southsea, 15.vii.85, one at m.v.light (JRL). Evidently widespread in the New Forest.
 v.c.12 - Harewood Forest, 3.vii.75 (ECLS comm. DHS), 2.viii.80 (JRL); Leckford, 9.vii.86, a few; Whiteparish, 12.viii.79, three (DHS).

1064. *S. ancipitella* de la Harpe
 = *ulmella* Knaggs

This species was omitted by Fassnidge (1923-'24), but according to Barrett (1904), the first specimens in Britain were taken by J.C. Dale, who found several examples sitting on the trunk of a wych elm in Hants in 1844, one of which he gave to Curtis. The species was described by Knaggs in 1867, under the name of *ulmella*, from the specimens in Dale's collection. These facts were overlooked by Goater (1974). NEW COUNTY RECORD.

1065. *Dipleurina lacustrata* (Panz.)
 = *Eudonia crataegella* auctt.
 p.182, add:
 v.c.10 - St. Lawrence, Sept. 1980, c. (EHW); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); Shanklin, 19.viii.84 (JMC). Presence in v.c.10 confirmed.
 v.c.11 - Ladycross, f.c.; Holmhill, f.c., bred from larvae found in moss on 3.v.81; Sparsholt, f.c.; Winchester, annually (DHS); Emer Bog, c. (JRL); Titchfield Haven, 1.vii.87, one at m.v.light (PMP); Oxenbourne Down, 10.vii.71 (RJD).
 v.c.12 - Leckford, a few in 1984, '87 & '88 (DHS).

1066. *Eudonia pallida* (Curt.)
 p.182, add:
 v.c.10 - Shanklin, 8.viii.84 (JMC).
 v.c.11 - Matley Passage, 30.vii.76, two at dusk (BG); Winchester, 16.viii.83, 27.vii.85, singletons at m.v.light (DHS); Southsea, 22.viii.84, one at m.v.light (JRL).
 v.c.12 - Leckford, 15.vii.71, 21.vii.78, one at dusk; Winnall Moors Nature Reserve, 6.vii.83, 13.viii.88, singletons (JRL, DHS).

1067. *E. truncicolella* (Stt.)
 p.182, add:
 v.c.10 - Shanklin, sev. in 1984, first on 24.vii. (JMC).
 v.c.11 - Ladycross, f.c.; Denny Wood, and other areas in the New Forest, f.c.; Sparsholt, 8.vii.84, 8.vii.85; Emer Bog, 30.vii.83, a few (DHS); Botley Wood (RJD); Wickham, c.; Southsea, 31.viii.77, and occ. since, at m.v.light (JRL).
 v.c.12 - Harewood Forest, 2.viii.80, one (JRL), 18.viii.84, a few (DHS).
1068. *E. lineola* (Curt.)
 p.182.
1069. *E. angustea* (Curt.)
 p.183, add:
 v.c.11 - Highcliffe (EHW); Winchester, c. until 1979, only a few since (DHS); Titchfield Haven L.N.R., 24.ix.86, one at m.v.light (PMP); Southsea, v.c. (JRL); Hayling Is., c. (DHS).
 v.c.12 - Overton, f.c. (AHD).
1070. *E. delunella* (Stt.)
 = *vandaliella* (H.-S.)
 = *resinella* auctt.
 p.183, add:
 v.c.11 - Holmhill, 14 & 25.vii.79, 10.vii.85 (DHS). The paucity of records of this species from the central area of the New Forest must surely be for want of searching for it. It would be interesting to know its true status.
1071. *E. mercurella* (Linn.)
 p.183, add:
 v.c.10 - Freshwater, 22.viii.61 (SAK-J, 1988); Ventnor, Aug.1987, f.c. (JRL, ECP-C).
 v.c.11 - Highcliffe (EHW); Emer Bog, 30.vii.85, 28.vi.87; Winchester, f.c. at m.v.light most years (DHS); Botley Wood, c.; Curbridge, c. (RJD); Wickham, c.; Southsea, abdt. (JRL); Oxenbourne Down, c. (RJD).
 v.c.12 - Harewood Forest, c.; Leckford, c. (DHS); Overton, f.c.; Oakley, 8 & 25.vii & 3.viii.82, singletons (AHD).
1072. *Elophila (Nymphula) nympheata* (Linn.) Brown China-mark
 p.183, add:
 v.c.10 - Porchfield; Parkhurst Forest (JMC).
 v.c.11 - St. Ives, nr. Ringwood, 1988 (JC); still common in the New Forest bogs; Emer Bog, a few (DHS); Wickham Common, 29.viii.71 (RJD); Southsea, 24.viii.83, 30.viii.85 (JRL); Titchfield Haven L.N.R., 1987 (PMP); Hayling Is., 1977, f.c. (JMW).
1073. *Nymphula (Parapoynx) stagnata* (Don.) Beautiful China-mark
 p.184.
1074. *Parapoynx stratiotata* (Linn.) Ringed China-mark
 p.184, add:
 v.c.10 - Freshwater, 22.viii.59 and occasionally since (SAK-J, 1988).
1075. *Oligostigma bilinealis* Snellen
 v.c.12 - A single dead specimen was found in a strip-light insect trap at an aquatic nursery by the late D.W.H. Ffennell in 1977. FIRST RECORD IN BRITAIN.

So far, this is the only specimen taken in Hampshire of the group of adventive nymphulines associated with introduced tropical water plants, several species of which are now well-known from aquatic nurseries at Enfield, Middlesex.

1076. *Cataclysta lemnata* (Linn.) Small China-mark
p.184, add:
v.c.10 - Freshwater Bay, 15.viii.57 (SAK-J).
v.c.11 - Southsea, 10.viii.83, one at m.v.light (JRL).
1077. *Acentria ephemerella* (D.& S.) Water Veneer
= *nivea* Oliv.
p.180, add:
v.c.10 - Freshwater, occ., but not recently (SAK-J, 1988): wood S. of Yarmouth, 31.vii.75; Newtown, 4.viii.75 (CCS).
v.c.11 - Highcliffe (EHW); Denny Wood; Holmhill; Needs Ore Nature Reserve, 14.vii.82, few; Sparsholt College, 1983-'87, small colony in pond (AHD); Sparsholt; Winchester, singletons at m.v.light most years; Browndown (DHS); Chandlers Ford, v.c. (BG, 1991); Southsea, c. (JRL).
v.c.12 - Harewood Forest, 17.vii.79, f.c.; Leckford (DHS); Micheldever, 30.viii.72 (CHD); Medstead, 11.vii.82 (FHNS).
1078. *Evergestis forficalis* (Linn.) Garden Pebble
p.184.
1079. *E. extimalis* (Scop.)
p.184, add:
v.c.10 - Freshwater, 3.ix.91 (SAK-J); Shanklin, 6.viii.82 (JMC).
v.c.11 - Winchester, 12.viii.84, one at m.v.light (Sterling, 1985, *Entomologist's Rec.J.Var.* 97: 66); Southsea, 19.viii.86, one at m.v.light (JRL); Hayling Is., 21.viii.85 (JMW).
v.c.12 - East Stratton, 7.viii.88, one at m.v.light (BI-J)
1080. *E. pallidata* (Hufn.)
p.185, add:
v.c.10 - Totland, 2.viii.54 (SAK-J).
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Highcliffe, 30.vii.87 (EHW); Parkhill Inc., 29.vii.78; Church Place Inc., 22.vii.79; Winchester, 22.vii.78, 4.viii.80, 17.viii.87 (DHS); Chandlers Ford, 30.vii.76, 22.vii.91, singletons at m.v.light (BG); Botley Wood, occ.; Curbridge, 14.viii.74 (RJD).
v.c.12 - Leckford, 3.viii.78; Winnall Moors Nature Reserve, 27.vii.87, 13.viii.88, a few at m.v.light (DHS); East Stratton, 13.viii.88, one at m.v.light (BI-J); Oakley, 6.viii.84, one at m.v.light (AHD).
1081. *Cynaeda dentalis* (D.& S.)
p.185, add:
v.c.10 - Freshwater, 28.vii.74 (Knill-Jones, 1975, *Proc.Trans.Brit.ent.nat. Hist .Soc.* 7: 95).
v.c.11 - Portsdown Hill, 6.viii.71, two more on 3.vii.75 (Dickson, 1976, *Entomologist's Rec.J.Var.* 88: 102). See Goater (1983).
The records in Goater (1974) remain unconfirmed.
1082. *Hellula undalis* (Fabr.) Old World Webworm
v.c.10 - Freshwater, 26.x.89, one at light; probably the 4th British record (SAK-J).
NEW COUNTY RECORD.
1083. *Pyrausta aurata* (Scop.)
p.185, add:
v.c.10 - Freshwater, sc.; Carisbrooke, 1960 (SAK-J, 1988); Cowes (DJH); Ventnor, Aug.1987, f.c. (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Farley Mount; Sparsholt; Winchester; Browndown; Fletchwood Meadows, 3.viii.85, one (DHS); Pitt Down, f.c. (AHD); Droxford, c.; Southsea, c. (JRL); Titchfield Haven, 15.ix.86, one at m.v.light (PMP); Oxenbourne Down, c. (RJD).

- v.c.12 - Leckford, 10.viii.75, one at m.v.light (WRLG), 5.viii.88 (DHS); Crawley, 31.vii.76, sev. by day (BG).
1084. *P. purpuralis* (Linn.)
p.185, add:
v.c.11 - Highcliffe (EHW); Ladycross, 31.viii.79, and other localities in the New Forest; Broughton Down, 1.viii.81, many; Sparsholt; Winchester, 6.viii.77, two, and occasionally subsequently (DHS); Botley Wood, f.c. (RJD); Oxenbourne Down, c. (JRL).
v.c.12 - Leckford, few most years; Stockbridge, c. (DHS); Bramley, sc. (AHD).
1085. *P. ostrinalis* (Hübner.)
p.186, CORRECTION:
v.c.12 - for (DWHT) read (DWHF).

add:
v.c.10 - Tennyson Down, 4.viii.87, a few; Brighstone, 3.viii.87, a few; Afton Down, 3.viii.87, a few (JRL, ECP-C).
v.c.11 - Oxenbourne Down (JRL).
1086. *P. cespitalis* (D. & S.)
p.186, add:
v.c.10 - Tennyson Down, c.; Brook Down (CCS); Compton Down, 26.viii.78, c.; West High Down, 18.v.86, c. (DHS); Ventnor, Aug.1987, c. (JRL, ECP-C); Shanklin (JMC).
v.c.11 - Emery Down (JEC); Parkhill Inc., 29.vii.78, c.; downs W. of Stockbridge, 24.viii.79, c.; Winchester, few each year (DHS); Portsdown, c.; Southsea, f.c. (JRL); Little Butser Hill, f.c. (AHD); Oxenbourne Down, c. (RJD).
v.c.12 - Leckford; Stockbridge, c.; West Down, Chilbolton, 19.v.86, one (DHS).
1087. *P. nigrata* (Scop.)
p.186, add:
v.c.11 - Broughton Down, c.; Chilbolton Down, c. (BG, JRL); Farley Mount, 1977, c.; Teg Down, Winchester, c.; Old Winchester Hill, 1.vii.82 (JRL, DHS); Oxenbourne Down, 1973, sev. by day (RJD).
v.c.12 - Leckford, c.; Stockbridge, c. (DHS); Danebury, 21.viii.77, four (AHD); Old Winchester Hill, 1.v.82, sev. by day (DHS).
1088. *P. cingulata* (Linn.)
p.187, add:
v.c.10 - Tennyson Down, 20.viii.73 (CCS).
1089. *Margaritia sticticalis* (Linn.)
p.187, add:
v.c.10 - Freshwater, 8.viii.65 (SAK-J).
v.c.11 - Minstead, one in 1975 (Siggs, 1976, *Entomologist's Rec.J.Var.* 88: 156); Southsea, 7.viii.82, one at m.v.light (JRL).
1090. *Uresiphita polygonalis* (D. & S.)
= *limbalis* (D. & S.)
p.187.
1091. *Sitochroa palealis* (D. & S.)
p.187, add:
v.c.10 - Freshwater, July, 1982, 3.vii.83, one by day in garden (SAK-J).
v.c.11 - Chandlers Ford, 29.vii.91, one at light (BG); Winchester, 18 & 30.vii.84, at m.v.light (Sterling, 1985, *Entomologist's Rec.J.Var.* 97: 66); Teg Down, Winchester, appeared to have established a temporary colony from 1984 to 1986; large numbers of larvae were found in heads of *Daucus carota* in Sept.1991 (DHS); Gilkicker Point, singletons in 1983 & 1984 (G.R.Else, comm. DHS);

- Southsea, 26.vii.90, one at m.v.light (JRL); Hayling Is., 18.vii.83 (JMW), 26 & 29.vii.91, f.c. (JRL).
- v.c.12 - Stockbridge, 25.vii.83 by M. Jordan (Bretherton & Chalmers-Hunt, 1985, *Entomologist's Rec.J.Var.* 97: 79).
1092. *S. verticalis* (Linn.)
p.187, add:
v.c.12 - Itchen Valley, 1.vii.76, one at m.v.light (DWHF).
1093. *Microstega pandalis* (Hübner.)
p.188, add:
v.c.11 - Sparsholt, 29.v.76, 17 & 25.vi.78, 15.vi.80, singletons by day (DHS); Pitt Down, 11.vi.76, one (AHD); Upham, 1975; Armsworth, 1975 (DWHF); Oxenbourne Down, 1973, c. (RJD).
v.c.12 - Crawley (RAB).
1094. *M. hyalinalis* (Hübner.)
p.188, add:
v.c.10 - Brighstone Forest, 26.vii.74 (CCS). NEW VCR.
v.c.11 - Mallard Wood, 3.vii.82, one; Broughton Down, 11.viii.81, one by day; Farley Mount, 27.vi.81, one; Sparsholt, 5.vii.80, 8.vii.84, singletons (DHS); Pitt Down, 16.vii.73, two at m.v.light (AHD); Oxenbourne Down, c. (JRL).
v.c.12 - Martyr Worthy, 11.vii.76, one at m.v.light (DWHF); Overton, 8.vi.81, one in Rothamsted trap (AHD).
1095. *Ostrinia nubilalis* (Hübner.) European Corn-borer
p.188, add:
v.c.10 - Freshwater, occ. (SAK-J, 1988); Shanklin, 2.viii.80 (JMC); Chale Green, seven taken July-Aug.1991 (S. Colenutt, comm.SAK-J).
v.c.11 - St.Ives, nr. Ringwood, 8.viii.88, male by Dr. J. Clark (Bretherton & Chalmers-Hunt, 1989, *Entomologist's Rec.J.Var.* 101: 226); Highcliffe (EHW); Lymington, 9.vii.84, one at m.v.light (AJP); Winchester, 1976, three (DHS); Botley Wood, 12.vii.75; Portsdown, 3.vii.75 (RJD); Titchfield Haven L.N.R., 14 & 18.vii.87, singletons at m.v.light (PMP); Southsea, v.c. (JRL).
v.c.12 - Itchen Valley, 3.vii.76 (DWHF); Micheldever, 25.vii.74 (CHD).
1096. *Sclerocona acutellus* (Evers.)
v.c.12 - Leckford, 8.viii.88, male at m.v.light (Sterling, 1989, *Entomologist's Gaz.* 40: 1-3, Pl.1). NEW TO BRITAIN. Biotope close to the trap appears suitable for this paludal species, and it seems more likely that it is breeding in the locality, rather than a stray individual having been introduced to the Leckford Water Garden with imported plants.
1097. *Eurrhynx hortulata* (Linn.) Small Magpie
p.189.
1098. *Perinephela (Eurrhynx) lancealis* (D. & S.)
p.189, add:
v.c.11 - Highcliffe (EHW); Holmhill, 1979, three; Mallard Wood, 3.vii.82, many; Sparsholt, a few most years; 29.viii.82, five larvae on *Stachys*, moths bred; Winchester, 20.vii.86, one at m.v.light (DHS); Emer Bog, 14.vii.79 (BG); Wickham, c. (JRL); Botley Wood, f.c.; Oxenbourne Down, c. (RJD).
v.c.12 - Harewood Forest, abdt. (JRL); Leckford, few most years between 1978 & 1988 (DHS); Micheldever, 19.vii & 13.viii.74 (CHD).
1099. *Phlyctaenia (Eurrhynx) coronata* (Hufn.)
p.189, add:
v.c.10 - Shanklin, c.; Kings Manor (JMC).
v.c.11 - Highcliffe (EHW); Winchester, c. (DHS); Titchfield Haven L.N.R., 1987

(PMP); Southsea, v.c. (JRL); Oxenbourne Down, 10.vii.71 (RJD).
v.c.12 - Leckford, 16.vii.86, a few at m.v.light (DHS); Overton; Oakley, 20.vii.82 (AHD).

1100. *P. (Eurrhyncha) perlucidalis* (Hübner.)

p.189, add:

v.c.11 - Sparsholt College, 20.vi.88, one at m.v.light (AHD).

v.c.12 - Leckford, 25.vi.88, 12.vi.89, 16.vii.90, singletons at m.v.light, 2.vii.89, one disturbed by day from amongst *Cirsium arvense* (DHS); Clatford, 2.vii.91, one at m.v.light (AHD); East Woodhay, 6.vii.88, one at m.v.light (Dr. R.J. Hornby, comm. DHS). NEW VCR.

This species has been spreading in Britain, and the 1988 records suggest it is becoming established in mainland Hampshire.

1101. *P. (Anania) stachydalis* (Germ.)

p.190, add:

v.c.11 - Minstead, 2.vii.74 (LWS); Sparsholt, 26.vi.82, one by day; (DHS); Wickham, 1971, one, 1972, two, 11 & 21. vii.73 (RJD).

1102. *Anania funebris* (Ström)

p.189.

No recent record; the species is evidently long extinct in the county.

1103. *A. verbascalis* (D. & S.)

p.189, add:

v.c.10 - Freshwater, not recorded since 1955, when three were taken (SAK-J, 1988).

v.c.11 - Denny Bog, 11.vii.79, two, & 21.vii.80, one; Winchester, 25.vii.83, one at m.v.light (DHS); Battramsley, 18.vii.73; Browndown, 23.vi.73, one flushed by day (RJD); Southsea, 2.vii.83, one at m.v.light (JRL).

1104. *Psammotis (Anania) pulveralis* (Hübner.)

p.190.

1105. *Ebulea crocealis* (Hübner.)

p.190, add:

v.c.10 - Freshwater Marsh, 21.vii.74 (CCS); Shanklin; Locks Heath (JMC).

v.c.11 - Highcliffe (EHW); Needs Ore Nature Reserve, 5.vi.85, larvae on *Pulicaria dysenterica* (JRL, ECP-C, DHS); Ampfield, 15.vii.79; Winchester, 14.viii.77, 4.viii.80, 18.vii.84; Botley Wood, 22.viii.79, two (DHS), c. (JRL).

v.c.12 - Leckford, 3.viii.78; Winnall Moors Nature Reserve, 6.vii.83, a few (DHS); Overton, 24.vi.80, one in Rothamsted trap (AHD).

1106. *Opsibotys fuscalis* (D. & S.)

p.190, add:

v.c.10 - Tennyson Down, f.c. (SAK-J, 1988).

v.c.11 - Sparsholt, c.; Teg Down & St. Catherines Hill, Winchester, c.; Winchester, c. (DHS); Portsdown; Oxenbourne Down, c. (RJD).

v.c.12 - Leckford, 11.vii.80, one (DHS); Overton, 12 & 21.vii.81, singletons (AHD).

1107. *Nascia ciliaris* (Hübner.)

p.191, add:

v.c.11 - Crab Wood, 23.v.89, male at m.v.light, exhibited at Annual Exhibition of BENHS and identity confirmed by dissection by BG (S. Swift) - an extraordinary record; Titchfield Haven, 6.vii.87, two at m.v.light (PMP); specimens seen in 1987 & '88 (JMW).

1108. *Udea lutealis* (Hübner.)
 p.191, add:
 v.c.10 - Headon Warren, c.; Brighstone Forest; Brook Down; St. Catherines Down (CCS).
 v.c.11 - Sparsholt, 31.vii.82, 13.v.84; Teg Down, Winchester; Winchester, occ. at m.v.light (DHS); Woodley, abdt.; Romsey, abdt.; Little Butser Hill, sc. (AHD); Oxenbourne Down, c. (RJD).
 v.c.12 - Flowerdown, 23.vii.85, a few; Winnall Moors Nature Reserve, 11 & 26.viii.83, 25.vii.87 and 13.viii.88, at m.v.light (JRL, DHS); Overton, c.; Oakley, sc.; Bramley, f.c. (AHD).
1109. *U. fulvalis* (Hübner.)
 p.191, add:
 v.c.11 - Highcliffe, 20.vii, 22.vii and 19.viii.91(2) at m.v.light in garden (EHW); Lymington, one on 21.viii.91 (AJP).
1110. *U. prunalis* (D. & S.)
 p.191, add:
 v.c.10 - Freshwater, f.c., also at Cranmore (SAK-J, 1988); Queens Bower, Shanklin, 6.vii.82 (NH).
 v.c.11 - Highcliffe (EHW); Denny Bog, c.; Parkhill Inc., c.; Sparsholt; Dean, nr. Winchester, c.; Winchester, c. (DHS); Crab Wood, 1980, bred from *Mercurialis perennis* (BG); Botley Wood; West Walk, Wickham; Oxenbourne Down, c. (RJD); Titchfield Haven L.N.R., 13.vii.87, one at m.v.light (PMP); Southsea, 12.vii.74 (JRL).
 v.c.12 - Leckford, 5.viii.88, one (DHS); Overton, f.c.; Oakley, f.c. (AHD).
1111. *U. olivalis* (D. & S.)
 p.192, add:
 v.c.10 - Freshwater, 20.vii.74 (CCS); Shanklin, c. (JMC); Cowes (DJH).
 v.c.11 - Highcliffe (EHW); Emery Down (JEC); Crab Wood, 1980, sev. bred from *Mercurialis perennis* (BG); Sparsholt, c.; Dean, nr. Winchester, c.; Winchester, c. (DHS); Curbridge, 13.vii.73; West Meon, 26.vi.86; Portsdown, c.; Oxenbourne Down, c. (RJD); Titchfield Haven L.N.R., 1987 (PMP); Southsea, c. (JRL).
 v.c.12 - Harewood Forest, c. (DHS); Leckford, 14.v.73, bred from larva on *Ulmus procera* (DWHF), 6.vii.85, 16.vii.86, 11.vii.87, 25.vi.88, singletons at m.v.light (DHS); Overton, c.; Oakley, c. (AHD).
1112. *U. ferrugalis* (Hübner.)
 p.192.
1113. *Mecyna flavalis* (D. & S.)
 p.192, add:
 v.c.12 - Leckford, 9.viii.88, a worn specimen at m.v.light, genitalia det. (DHS); Micheldever, 3.viii.73 (CHD).
1114. *M. asinalis* (Hübner.)
 p.192, add:
 v.c.10 - St. Lawrence & Landslip, Sept.1980, v.c. (EHW); Brook Down, 28.viii.73 & 2.viii.74; Norton Green, 26.vii.75; Newtown, 4.viii.75, sev. (CCS); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); Ventnor Botanic Gardens, 8.x.82 (NH).
 v.c.11 - Southsea, 27.vii.91, one at m.v.light (JRL). NEW VCR.
1115. *Nomophila noctuella* (D. & S.) Rush Veneer
 p.193.
1116. [*N. nearctica* Munroe]
 v.c.11 - A female specimen discovered in the collection of the late C.W. Mackworth-

Præd, labelled Southb'r'n, 22.viii.19, is considered to have been taken by the late G.H. Heath at Southbourne-on-Sea, Hants, though label could possibly refer to Southbourne, Sussex. See Goater (1986). ONLY BRITISH RECORD.

1117. *Dolicharthria punctalis* (D.& S.)
 p.193, add:
 v.c.10 - Freshwater, 3 & 7.viii.91 (SAK-J).
 v.c.11 - Highcliffe (EHW); Browndown, 27.vii.79, two; Southsea, one em. from roots coll. 27.xii.78; 5.viii.79, one at dusk (DHS), c. (JRL).
1118. *Antigastra catalaunalis* (Dup.)
 p.193.
1119. *Diasemia reticularis* (Linn.)
 = *litterata* (Scop.)
 p.193.
1120. *Diasemiopsis ramburialis* (Dup.)
 p.193, add:
 v.c.11 - Beaulieu Road Station, 19.viii.80, by R.J. Heckford (Bretherton & Chalmers-Hunt, 1981, *Entomologist's Rec. J.Var.* 93: 53).
1121. *Pleuroptya ruralis* (Scop.) Mother of Pearl
 p.194.
1122. *Palpita unionalis* (Hübner.)
 p.194, add:
 v.c.10 - Freshwater, f.c. in October most years, the most recent being 13.x.91, at m.v.light (SAK-J); Ventnor Botanic Gardens, 9.x.82 (JMC).
 v.c.11 - Highcliffe, 13, 15 & 16.x.82, singletons, and 17.x.82, two, at m.v.light (EHW); Lymington, 1.viii.80, 17.ix & 5.x.82 and 10.x.83, at m.v.light (AJP); Ashurst, 26.x.77 (JCC); Winchester, 12.x.91, one at m.v.light in garden (DHS); Southsea, 20.x.78, 19.x.87, 21.x & 10.xi.88 (JRL); Hayling Is., 19 & 27.x.77, 30.ix.81 and 15.ix, 16.ix, 18.ix, 21.x & 30.x.82 (JMW).
 v.c.12 - Micheldever, 26.x.78 (Bretherton & Chalmers-Hunt, 1979, *Entomologist's Rec. J.Var.* 91: 89); East Stratton, 9.xi.88, one at m.v.light with *H. armigera* (BI-J); Burghclere, 10.xi.88, female at m.v.light (GGE-F).
1123. *Agrotera nemoralis* (Scop.)
 p.194.
1124. *Hypsopygia costalis* (Fabr.) Gold Triangle
 p.194, add:
 v.c.10 - Headon Warren, c.; wood S. of Yarmouth, c.; Brook Down, c.; Newtown, c. (CCS); St. Lawrence, Sept.1980, a few (EHW); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); Shanklin, c. (JMC).
 v.c.11 - Highcliffe (EHW); Emery Down (JEC); Winchester, c. (DHS); Botley Wood, c.; Curbridge, c.; Oxenbourne Down, 1973, two (RJD); Titchfield Haven L.N.R., c. (PMP, 1987); Southsea, c. (JRL); Hayling Is., c. (JMW).
 v.c.12 - Overton, f.c.; Oakley, 1982, three; Bramley, f.c. (AHD).
1125. *Synaphe punctalis* (Fabr.)
 = *angustalis* (D.& S.)
 p.195, add:
 v.c.10 - St. Lawrence & Landslip, Sept.1980, a few (EHW); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); St. Helens, 3.viii.74, three (CCS).
 v.c.11 - Highcliffe (EHW); Denny Bog, 11.vii.78, eight; Needs Ore Nature Reserve, 14.vii.82, few; Winchester, 23.vii.79, 8.viii.81, 26.vi.88; Browndown, 26.vii.79,

a few (DHS); Titchfield Haven L.N.R., 6.vii.87, one at m.v.light (PMP); Southsea, c.; Oxenbourne Down, c. (JRL).

1126. *Orthopygia glaucinalis* (Linn.)
p.195, add:
v.c.11 - Emery Down (JEC); Dean, nr. Winchester, 12.viii.79; Winchester, annually at m.v.light (DHS); Chandlers Ford, July 1991, few at m.v.light (BG); Botley Wood, 9.x.71 (RJD); Southsea, occ. (JRL); Hayling Is., 27.vii.77 (JMW).
v.c.12 - Leckford, 2.ix.87, one (DHS); Crawley (RAB); Overton, 12.vii.81, one in Rothamsted trap; Oakley, 4.viii.82 (AHD).
1127. *Pyralis farinalis* Linn. Meal Moth
p.195, add:
v.c.11 - Lymington, 7.vii.87, one at m.v.light (AJP); Emery Down, 1978 (JEC); Romsey, 9.vii.79, one at light; Winchester, 7.vi.82, 17.vii.86, singletons (DHS); Chandlers Ford, 10.vii & 19.viii.91, singletons at light (BG).
v.c.12 - Leckford, 12.viii.73, one (ECLS, comm. DHS); Crawley (RAB).
1128. *Aglossa caprealis* (Hübner) Small Tabby
p.196.
1129. *A. pinguinalis* (Linn.) Large Tabby
p.196, add:
v.c.10 - St. Lawrence, Sept. 1980, a few (EHW).
v.c.11 - Highcliffe (EHW); Winchester, 29.vii.83, one at m.v.light; Morestead, 17.viii.85, one at m.v.light (DHS); Little Butser Hill, 16.viii.76, two (AHD).
1130. *Endotricha flammealis* (D. & S.)
p.196.
1131. *Galleria mellonella* (Linn.) Wax Moth
p.196, add:
v.c.10 - Freshwater, four at m.v.light in 1988 (SAK-J).
v.c.11 - Highcliffe (EHW); Emery Down, 1978 (JEC); Winchester, singletons at m.v.light in 1975, '77 & '78; Waltham Chase, 1979, many bred from old bee-hives (DHS); Chandlers Ford, 28.viii & 5.ix.91, singletons at light (BG); Southsea, 12.viii.84, 9.viii.86, singletons at m.v.light (JRL).
1132. *Achroia grisella* (Fabr.) Lesser Wax Moth
p.196, add:
v.c.11 - Highcliffe (EHW); Winchester, singletons in 1976 & '77, and 22.viii.83; Waltham Chase, 1979, many bred from old bee-hives (DHS); Southsea, bred from a neighbour's beehive; occ. at m.v.light (JRL).
v.c.12 - Sutton Scotney, June 1971, swarms of larvae and pupae in a beehive (CHD); Woodmancott, larvae c. in beehives, moths bred (DWHF).
1133. *Aphomia sociella* (Linn.) Bee Moth
p.197, add:
v.c.10 - Wood S. of Yarmouth, 22.vii.74 & 31.vii.75 (CCS); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Ladycross, 13.viii.80, one; Parkhill Inc., 29.vii.78; Holmhill, 22.vii.79, two; Mallard Wood, 3.vii.82, few; Winchester, seen at m.v.light in garden every year from 1977-'88 (DHS); Chandlers Ford, f.c. at light in 1991 (BG); Wickham (RJD); Southsea, c. (JRL); Hayling Is., f.c. (JMW).
v.c.12 - Oakley, 10 & 11.vii.82, singletons (AHD).
1134. *Melissoblaptes zelleri* (Joan.)
p.197, add:
v.c.10 - St. Helens sandhills, Aug. 1909, swarming in one place (Prout, 1909,

1135. *Anerastia lotella* (Hübner.)
p.197, add:
v.c.11 - Southsea, 29.vii.91, one at m.v.light (JRL).
1136. *Cryptoblabes bistriga* (Haw.)
p.197, add:
v.c.10 - Wood S. of Yarmouth, 22.vii.74 (CCS), is only the second record for the vice-county.
v.c.11 - Highcliffe (EHW); Sparsholt, 10.vii.79, 11.vii.81, 20.vi.82, 8.vii.84, singletons at m.v.light; Ampfield, 28.ix.85, one larva, moth bred; Winchester, 16.vii.81, 20.vi.82, 18.vii.84, 4.vii.86, 4.vii.87, singletons at m.v.light (DHS); Havant Thicket, 23.iii.86, pupae found under dead oak bark, moths bred (JRL).
v.c.12 - Micheldever, 25.vi.74 (CHD).
1137. *C. gnidiella* (Mill.)
p.197, add:
v.c.11 - Winchester, 20.x.82, one bred from pomegranate purchased at local shop (DHS).
1138. *Metriostola betulae* (Goeze)
p.200, add:
v.c.10 - Wood S. of Yarmouth, 28.vii.74; Newtown, 4.viii.75, c. (CCS).
v.c.11 - Sparsholt, 8.vii.84 & 8.vii.85, a few at m.v.light; Winchester, 9.vii.83, one at m.v.light; 1984, '86 and '87, about half a dozen each year (DHS); Southsea, 3.vii.83, 28.vi.86, singletons at m.v.light (JRL).
v.c.12 - Abbotstone Down, 13.vii.81 (FHNS); Hook, 15.vi.76, one by day (DWHF).
1139. [*Trachonitis cristella* (Hübner.)]

v.c.11 - One specimen stated to have been taken "many years ago" on salterns at Portsmouth by H. Moncreaff, and originally identified as *Acrobasis tumidana* (D. & S.) (= *rubrotibiella* F.v.R.). See Goater (1986). The whereabouts of the specimen is unknown, and the species' claim to a place on the British List is considered to be weak.
1140. *Microthrix similella* (Zinck.)
p.200, add:
v.c.11 - St.Ives, nr. Ringwood, 25.vi.88 (JC); Denny Wood, 18.vi.77, one at light (Jewess, 1977, *Entomologist's Rec.J.Var.* 89: 313); Holmhill, 25.vii.79, two (DHS); Sparsholt College, 4.vii.91, one at Rothamsted trap (AHD); Winchester, 7-19.vii.77, seven at m.v.light (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315); single specimens recorded subsequently on 13.vii.85, 28.vi.86, 30.vi.88 (DHS); Chandlers Ford, 5.vii.91, one at light (BG); Wickham, 10.vii.91, one at m.v.light (JRL).
v.c.12 - Harewood Forest, 17.vii.79 (DHS); Oakley, 26.vi.84, one at m.v.light; Bramley Frith Wood, sc. at m.v.light; Bartley Heath Reserve, Hook, 1987, sc. at m.v.light; Clatford, 2.vii.91, one at m.v.light (AHD); Pamber, 11.vii.80, two at m.v.light (BG). NEW VCR.
1141. *Pyla fusca* (Haw.)
p.201, add:
v.c.10 - Freshwater, occ. (SAK-J, 1988); St.Lawrence, Sept.1980, two (EHW); Shanklin, 3.viii.81 (JMC).
v.c.11 - Highcliffe (EHW); Winchester, a number every year, evidently feeding as larvae on cultivated *Erica* (DHS); Wickham, f.c.; Southsea, f.c. (JRL); Hayling Is., 3.vi.78, one (DHS).
v.c.12 - Oakley, 8 & 10.vii.82 (AHD).

1142. *Phycita roborella* (D.& S.)
 p.201, add:
 v.c.10 - Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C); Five Houses, 23.vii.82 (JMC).
 v.c.11 - Sparsholt, c.; Emer Bog; Winchester, c. (DHS); Chandlers Ford, c. (BG, 1991); Curbridge, c. (RJD); Botley Wood, c.; Wickham, c.; Southsea, c. (JRL).
 v.c.12 - Harewood Forest, c. (DHS); Pamber, 11.vii.80, two at m.v.light (BG).
1143. *Oncocera semirubella* (Scop.)
 p.199, add:
 v.c.10 - Freshwater, one in 1958 (SAK-J).
1144. *Pempelia (Oncocera) palumbella* (D.& S.)
 p.199, add:
 v.c.10 - Freshwater, 24.vii.62, 12.vii.86, 27.vii.91 (SAK-J); Headon Warren, 29.vii.74 (CCS).
 v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Highcliffe (EHW); Beaulieu Road, 29.vii.78, by day (JRL); Needs Ore Nature Reserve, 10.vii.82, many at m.v.light; Winchester, 13.vii.83, one at m.v.light (DHS); Ipley Manor, 15.vii.80 (FHNS).
 v.c.12 - Hook, 15.vi.76, one by day (DWHF).
1145. *P. (Oncocera) genistella* (Dup.)
 p.199, add:
 v.c.10 - Headon Warren, 28.vii.75 (CCS); Chale Green & Godstone, 1991, singletons by P.J. Cramp (comm.SAK-J).
 v.c.11 - Needs Ore Nature Reserve, 14.vii.82, c. at m.v.light; 5.vi.85, many larval nests on *Ulex europaeus*; Farlington Marsh, 18.vii.84, one (DHS); Southsea, occ. at m.v.light (JRL).
1146. *P. (Oncocera) formosa* (Haw.)
 p.200, add:
 v.c.10 - Freshwater, c. in 1962 (SAK-J).
 v.c.11 - Southsea, 31.vii.85, one at m.v.light (JRL).
 v.c.12 - Micheldever, 5.vii.70 (CHD).
1147. *Hypochalcia ahenella* (D.& S.)
 p.202, add:
 v.c.10 - The Needles, 1960; Freshwater Bay, 1962 (SAK-J).
 v.c.11 - Teg Down, Winchester, 24.vii.79, a few; Winchester, c. (DHS).
 v.c.12 - Leckford, 7.vi.80 (JRL), a few specimens most years (DHS); Overton, 9.vi.80, one in Rothamsted trap; Oakley, 31.v.85, one at m.v.light (AHD); Medstead, 13.vii.79 (FHNS).
1148. *Epischnia banksiella* Rich.
 p.202.
1149. *Dioryctria abietella* (D.& S.)
 p.201.

Note: *Apropos* my remarks (Goater, 1974) about the occurrence of the genus *Dioryctria* in Britain, *D. abietella* and *D. mutata* Fuchs are now considered to be distinct species, and a third species, *D. schuetzeella* Fuchs, has become established in Sussex and Kent, and may be sought in Hampshire. See also Goater (1986).

Records given in Goater (1974) are likely to be a mixture of *D. abietella* and *D. mutata*, and should be interpreted cautiously, though the latter appears to be the commoner. Col. Sterling writes that he has recorded as *D. abietella*, specimens of *Dioryctria* taken in the New Forest and in the garden at Winchester (v.c.11), and at Leckford (v.c.12), in addition to the records given below.

The following are genuine *D. abietella*:

- v.c.10 - Freshwater Bay, 20.vii.68 (SAK-J).
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Winchester, 12.vii.81, 17.vii.87, both dissected and found to conform to this species on both external and genitalic characters (DHS); Chandlers Ford, 2.ix.72, 6.vi.91, at m.v. light (BG); Southsea, 5.vii.74, one, 8.vii.75, one, 4.viii.75, two, and occasionally since, at m.v.light; Havant Thicket, 16.vii.77, one at m.v.light (JRL).
1150. *D. mutata* Fuchs
- v.c.11 - Brockenhurst, 26.viii.69, one at m.v.light; Chandlers Ford, sev. at light in 1991, first on 31.vii (BG); White Moor, nr. Lyndhurst, 27.viii.84, one (DHS).
NEW COUNTY RECORD.
1151. *Nephoterix (Alispa) angustella* (Hübner.)
p.204, add:
v.c.10 - Freshwater, 17.ix.65, 31.viii.85 (SAK-J).
v.c.11 - Crab Wood, 30.viii.76, larvae c. (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 76); Sparsholt College, 1987, one at m.v.light (AHD); Sparsholt, one moth bred from *Euonymus*, em. 25.vi.78; larvae also found in 1983, '84 & '85; Winchester, 25.v.76, 24.viii.83, 28.vi.86, 7.viii.87, singletons at m.v.light (DHS); Winchester College, 7.ix.75, one in moth trap (E.A. MacAlpine, comm. DWHF); Chandlers Ford, 26.vii.91, one at light (BG); Catisfield, 6.ix.75, female (RJD); Southsea, 17.vii.77, one at m.v.light (JRL).
v.c.12 - Harewood Forest, 11.ix.76, larvae c. (Dickson, *loc.cit.*).
1152. *Pempeliella diluta* (Haw.)
= *Pempelia dilutella* (Hübner.)
p.203, add:
v.c.11 - Broughton Down, f.c. (DWHF, 1976); Sparsholt, 8.vii.84, one; Winchester, 1977, one, and 1.viii.78, 44.vii.86, singletons (DHS); Pitt Down; Little Butser Hill (AHD); Portsdown Hill, c. (RJD); Oxenbourne Down, c. (JRL); Hayling Is., 1977, six (JMW).
v.c.12 - Leckford, on downland; Stockbridge, 7.viii.77, three (DHS).
1153. *P. (Pempelia) ornatella* (D. & S.)
p.204.
1154. [*Acrobasis tumidana* (D. & S.)]
p.197.
1155. *A. repandana* (Fabr.)
= *tumidella* (Zinck.)
p.198, add:
v.c.11 - Parkhill Inc., 1978, six; Winchester, occ. (DHS); Ganger Wood, Romsey, 30.vi.75, two at m.v.light (AHD); Emer Bog, 30.vii.83, a few at m.v.light (DHS); Wickham, c.; Southsea, 22.vii.84, one at m.v.light (JRL); Hayling Is., 1977, three (JMW).
v.c.12 - Harewood Forest, 17.vii.79, 1.viii.81 and 18.viii.84, a few at m.v.light (DHS); Pamber, 11.vii.80, twelve at m.v.light (BG); Bramley, 26.vii.79, four at m.v.light; Bartley Heath Reserve, Hook, 1987, sc. at m.v.light (AHD).
1156. *A. consociella* (Hübner.)
p.198, add:
v.c.10 - Cranmore, 1958 (SAK-J).
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Winchester, 2 & 7.viii.77, at m.v.light (DHS); East Walk, Wickham, 11.vii.73, one at m.v.light (RJD); Southsea, 29.vii.84, one at m.v.light (JRL).

- v.c.12 - Harewood Forest, 1979, three bred from *Quercus* (DHS); Bartley Heath Reserve, Hook, 1987, sc. at m.v.light (AHD).
1157. *Numonia (Eurhodope) suavella* (Zinck.)
p.198, add:
v.c.10 - St. Helens Spit, 1909 (Prout, 1909, *Entomologist's Rec. J.Var.* 21: 248).
v.c.11 - Highcliffe (EHW); Winchester, occasional at m.v.light (DHS); Little Butser Hill, 11.viii.77 (AHD).
v.c.12 - Leckford, 1979, many bred from larvae on *Crataegus*; 13.viii.86, few at m.v.light (DHS).
1158. *N. (Eurhodope) advenella* (Zinck.)
p.198, add:
v.c.10 - Newtown, 4.viii.75 (CCS).
v.c.11 - Highcliffe (EHW); Parkhill Inc., 13.viii.77, three at m.v.light (AHD); Emer Bog, 29.vii.78, five at m.v.light (AHD); Sparsholt, 31.vii.82, few at m.v.light; Teg Down, Winchester, larvae on *Crataegus* in late April and early May whenever sought; Winchester, few every year (DHS); Droxford, c.; Southsea, c.; Oxenbourne Down, c. (JRL).
v.c.12 - Micheldever, 9.viii.69, 25.viii.72, 3.viii.73 and 6 & 19.viii.75 (CHD); Overton, few; Oakley, 14.viii.81, two at m.v.light; Bramley, occ. (AHD)
1159. *N. (Eurhodope) marmorea* (Haw.)
p.199, add:
v.c.10 - Freshwater Marsh, 1.viii.74 & 3.viii.75 (CCS); Five Houses, 23.vii.82 (JMC).
v.c.11 - Winchester, 23.vii & 2.viii.87, singletons (DHS); Sparsholt, c.; Botley Wood, 11.viii.84; Portsmouth, 14.viii.74; Oxenbourne Down, c. (JRL); Hayling Is. (JMW).
v.c.12 - Micheldever, 1.viii.63, 11.vii.69, 19.vi.70 and 8, 9 & 30.vii.74 (CHD).
1160. *Apomyelois bistriatella* Hulst
p.207, add:
v.c.11 - New Forest, sev. bred from *Daldinia* growing on burnt gorse in 1991 (BG, JRL); Havant Thicket, one bred from *Daldinia* coll. 17.iv.87 (DHS).
1161. *Ectomyelois ceratoniae* (Zell.) Locust Bean Moth
p.203, add:
v.c.11 - Southsea, 18.vi.76 (Langmaid, *Proc.Brit.ent.nat.Hist.Soc.* 1977 10: 9).
1162. *Eurhodope (Myelois) cirrigerella* (Zinck.)
p.203.
1163. *Myelois circumvoluta* (Fourc.) Thistle Ermine
= *cribrella* (Hübner.)
p.202, add:
v.c.11 - Highcliffe (EHW); Emer Bog, 14.vii.79, sev. among thistles by day (BG); Winchester, a few every year at m.v.light (DHS); Titchfield Haven L.N.R., 1986, sev. (PMP); Portsdown, c.; Southsea, f.c. (JRL).
v.c.12 - Leckford, a few seen most years (DHS); Abbots Ann, 19.vi.84, two; Oakley; Bartley Heath Reserve, Hook, 1987, occ. (AHD); Medstead, 25.vi.78 (FHNS).
1164. *Gymnancyla canella* (D. & S.)
p.204.
1165. *Assara terebrella* (Zinck.)
p.203, add:
v.c.11 - St.Ives, nr. Ringwood, 5.ix.88 (JC); Parkhill Inc., 9.viii.78, one at m.v.light (BG); Rhinefields, one bred from spruce cones coll. 18.ii.84 (JRL); Lodgehill Inc., one bred from cones coll. 6.iv.85 (DHS); Winchester, 13.vii.90, one at m.v.light in garden (DHS).

1166. *Euzophera cinerosella* (Zell.)
p.204.
1167. *E. pinguis* (Haw.)
p.204, add:
v.c.10 - Freshwater, occ. (SAK-J, 1988).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Ladycross, 31.viii.79; Winchester, one or two at m.v.light most years, 1978-'88 (DHS); Chandlers Ford, sev. at light in 1991 (BG); West Walk, Wickham, 19.viii.72; Wickham Common, 1.ix.74; Curbridge, 14.viii.74, one on an ash trunk and one at m.v.light (RJD); Southsea, f.c. (JRL); Hayling Is., 1977, two (JMW).
v.c.12 - Leckford, 8.viii.81, one (DHS); Micheldever, 12.viii.74 (CHD); Medstead, 18.vii.82 (FHNS).
1168. *Ancylosis (Heterographis) oblitella* (Zell.)
p.204, add:

A few specimens of this hitherto extremely rare species were taken on the Hampshire mainland in the autumn of 1975; in the following year, it appeared in quantity, in Hampshire and in many other parts of southern England from Essex to Cornwall, and as rapidly disappeared. Strangely, no records from the Isle of Wight in 1976 have come to hand.

v.c.11 - Browndown, 2.ix.75, female at m.v.light by P.J. Rogers (comm. DWHF); nr. Fareham, 6-7.ix.75, at m.v.light (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 77), Minstead, 28.vi & 27.vii.76 (LWS); Winchester, 11 & 25.ix.76, singletons at m.v.light (DHS); Browndown, 6.viii.76, two (Appleton, *Proc.Brit.ent.nat.Hist.Soc.* 1977 10: 9), 6.viii.76, three males at m.v.light; Rowner Wild Grounds, 30.vii.76, two at m.v.light; Titchfield Haven, 1-2.ix.76, two at m.v.light (Dickson, *loc.cit.*); Portsmouth and Southsea, c. in 1976, the first on 25.vi., but not before that year, and only one since, on 9.viii.84 (JRL). NEW VCR.
v.c.12 - Micheldever, c.40 specimens at light in 1976 by C.H. Dixon; Itchen Valley, 39 between 25.vi and 20.ix.76 (DWHF). NEW VCR.
1169. *Homoeosoma sinuella* (Fabr.)
p.206, add:
v.c.10 - Freshwater Marsh, 21.vii.74 (CCS).
v.c.11 - Highcliffe (EHW); Hurst Castle, 30.vi.79, two; Winchester, single specimens seen at m.v.light most years (DHS); Southsea, c. (JRL); Hayling Is., c. (JMW).
v.c.12 - Leckford, 24.vi.79, three by day; 25.vi.81, one at m.v.light (DHS); Micheldever, 24.vi.73 (CHD).
1170. *H. nebulella* (D.& S.)
p.206, add:
v.c.11 - Winchester, 22.vi.76, 17.vii.77, singletons (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315); Southsea, 22.viii.91, one at m.v.light (JRL). NEW VCR.
1171. *H. nimbella* (Dup.)
p.206.
1172. *Phycitodes maritima* (Tengst.)
= *Rotruda carlinella* (Hein.)
p.207, add:
v.c.11 - Teg Down, Winchester, 1976, four bred from spun head of *Senecio jacobaea*, em. Sept.; Winchester, 29.v.76, 21.vi.91, both genitalia det.; Portsdown Hill, 12 bred from heads of *Senecio* coll. 6.viii.84 (DHS); Southsea, f.c. (JRL); Horsea Is., bred from *Senecio* heads coll. 10.x.85; Hayling Is., bred from heads coll. 19.x.85 (JRL, DHS).

- v.c.12 - Micheldever, 11.viii.70 & 9.vi.73, det.DWHF (CHD).
1173. *P. (Rotruda) binaevella* (Hübner.)
 p.207, add:
 v.c.11 - Highcliffe (EHW); Sparsholt College, 1987, two at m.v.light (AHD); Needs Ore Nature Reserve, 14.vii.82, a few at m.v.light; Dean, nr. Winchester, 21.vii.79, a few; Winchester, f.c. (DHS); Southsea, f.c. (JRL); Little Butser Hill, 1977, four (AHD).
 v.c.12 - Leckford, 15.vi.86, a few at m.v.light (DHS); Overton, 1980, six & 1981, three; Oakley, 11.vii.82 (AHD).
1174. *P. (Rotruda) saxicola* (Vaugh.)
 p.207, CORRECTION:
 v.c.12 - Micheldever, delete. 11.viii.70, read 30.vi.73, det.DWHF.
 add:
 v.c.11 - Highcliffe (EHW); Southsea, v.c. (JRL).
1175. *Plodia interpunctella* (Hübner.) Indian Meal Moth
 p.206, add:
 v.c.11 - Winchester, 10.xii.79, one found in the College by P. Convey (comm. DHS); Southsea, 4.viii.83, 15.v.88, singletons at m.v.light (JRL). NEW VCR.
 v.c.12 - Bramley Frith Field Studies Centre, 21.xii.89, one found flying in Centre's kitchen; thought to have emerged from a packet of bird food (AHD). NEW VCR.
1176. *Ephestia elutella* (Hübner.) Cacao Moth
 p.205, add:
 v.c.10 - Wood S. of Yarmouth, 21.viii.73 (CCS).
 v.c.11 - Highcliffe (EHW); Woodley, nr. Romsey, June 1976, colony in garage (AHD); Winchester, 21.vii.88, one at m.v.light, genitalia det. (DHS).
 v.c.12 - Overton, 1980, colony in garden shed (HD).
1177. *E. parasitella* Stdgr
 p.205, add:
 v.c.11 - Highcliffe (EHW); Holmhill, 11.vii.79 (DHS); Mottisfont, 15.vi.75 (RJD); Sparsholt College, 1987, one at m.v.light; Emer Bog, 6.vii.77, one at m.v.light (AHD); Winchester, c., genitalia det. (DHS); Chandlers Ford, c. at light in 1991 (BG); Wickham, c.; Southsea, v.c.; Havant Thicket, c. (JRL).
 v.c.12 - Leckford, 11.vii.87, a few at m.v.light (DHS); Micheldever, 9.vi.68, det. DWHF (CHD); Oakley, July 1984, three at m.v.light (AHD).
1178. *E. kuehniella* Zell. Mediterranean Flour Moth
 p.205, add:
 v.c.11 - Winchester, 16.v.85, one found in the house (DHS).
 v.c.12 - Itchen Valley, 16.viii.75, one at m.v.light (DWHF).
1179. *E. cautella* (Walk.) Dried Currant Moth
 p.206, add:
 v.c.12 - Winchester, 20.x.76, three at rest in a Nursing Home, one more the next day; found to have emerged from South American peanuts (DWHF).
1180. *E. figulilella* Greg. Raisin Moth
 p.206, CORRECTION:
 for *Ephestia* read *Ephestia*.
1181. [*E. calidella* Guen. Dried Fruit Moth]
 p.206.

1182. *Agdistis bennetii* (Curt.)
p.208, add:
v.c.10 - Freshwater Bridge, 6.viii.75, a few; Newtown, very abdt. at early dusk and dawn (CCS).
v.c.11 - Highcliffe, 1-2.viii.82, five at m.v.light, 4 miles from the nearest salt marsh (Wild, 1982, *Entomologist's Rec. J.Var.* 94: 204).
1183. *Oxyptilus parvidactylus* (Haw.)
p.208, add:
v.c.11 - Portsdown, loc.c. (JRL); Oxenbourne Down, 14.vii.72 & 26.v.73, singletons at m.v.light (RJD).
v.c.12 - Leckford, 16.vii.79, one by day; a few can usually be found by day from mid-June to mid-July: on 29.vi.86, it was particularly common (DHS).
1184. *Buckleria paludum* (Zell.)
p.208, add:
v.c.11 - Matley Passage, 30.vii.76, f.c. in evening (BG); a few disturbed by day whenever this locality has been visited at the right time of year between 1979 and 1988 (JRL, DHS).
1185. *Capperia britanniodactyla* (Greg.)
p.208, add:
v.c.11 - Denny Bog, 21.vii.80, sev. on railway bank; Church Place Inc., 22.vii.79, six flying over *Teucrium scorodonia* by day; 21.vii.80, sev., 3.vii.82, one (DHS); Oxenbourne Down, 10.vii.73, one (RJD); Hayling Is., 17.vi.86, two larvae, one moth bred (JRL).
1186. *Marasmarcha lunaedactyla* (Haw.)
p.209, add:
v.c.11 - Winchester, sev. at m.v.light most years, 1978-'87 (DHS); Botley Wood, 6.vii.74; Portsdown Hill; Oxenbourne Down (RJD); Southsea, v.c.; Hayling Is., v.c. (JRL).
1187. *Cnaemidophorus rhododactyla* (D. & S.)
p.209, add:
v.c.11 - Botley Wood, 15.vii.77, one disturbed from *Rosa* by day (Chadd, 1980, *Entomologist's Rec. J.Var.* 92: 102). See Goater (1983).
1188. *Amblyptilia acanthadactyla* (Hübner.)
p.209, add:
v.c.11 - Highcliffe, 12.vii.84 (EHW); Southsea, 23.vii.83, one at m.v.light (JRL).
1189. *A. punctidactyla* (Haw.)
p.209, add:
v.c.11 - Sparsholt College, 1988, two at a Rothamsted trap (AHD); Sparsholt, 8.vii.84, one at m.v.light; the following year, a number of larvae were found on flowers and fruits of *Stachys sylvatica*; Winchester, has appeared more frequently at m.v.light in the garden since first seen on 16.vii.86; in 1988, one was also seen by day (DHS).
v.c.12 - Harewood Forest, 8.ix.82, one by J.D. Bradley (comm. DHS), 5.iv.87, one by day; Leckford, 4.ix.82, one by day (DHS).
1190. [*Platyptilia calodactyla* (D. & S.)]
p.209.
1191. *P. gonodactyla* (D. & S.)
p.210, add:
v.c.10 - Whale Chine, 21.v.83 (JMC).

- v.c.11 - Highcliffe (EHW); Winchester, 8.ix.80, 8.vii.83,, 28.ix.86, singletons at m.v.light (DHS); Upham, 1975 (DWHF); Oxenbourne Down, 21.vii.79 (DHS).
- v.c.12 - Harewood Forest, 17.vii.79; Leckford, 5.vi.78, 26.vi.79 (DHS).
1192. *P. isodactylus* (Zell.)
p.210, add:
v.c.11 - Lower Test Marshes Nature Reserve, 12.viii.82, signs of larval activity on *Senecio aquatica*, one moth bred; 7.viii.84, three larvae found, one moth bred; 4.vi.91, larvae, pupae & imagines all present in fair numbers; Winchester, 12.vi.81, one at m.v.light (DHS, JRL).
1193. *P. ochrodactyla* (D. & S.)
p.210, add:
v.c.11 - Portsmouth, c. (JRL); Southsea, 5.viii.79, c. on tansy, especially after dark (DHS). See Goater (1983).
1194. *P. pallidactyla* (Haw.)
p.210, add:
v.c.10 - Freshwater, 20.vii.74; Brook Down, 21.vii.74 (CCS); Corfe Heath, c.; Porchfield, 25.vi.84 (JMC).
v.c.11 - Highcliffe (EHW); Holmhill, f.c.; Matley Bog, f.c.; Ashurst, abdt.; Emer Bog, f.c.; Winchester; Botley Wood, f.c.; Browndown, f.c. (DHS); Woodley, nr. Romsey, 20.vii.74; Little Butser Hill, 11.viii.77, f.c. (AHD); Portsdown, c. (RJD); Southsea, c.; Havant Thicket, c. (JRL).
v.c.12 - Overton, 1979-'81, one colony (AHD).
1195. *Stenoptilia graphodactyla* (Treits.)
= *pneumonanthus* (Bütt.)
p.210.
1196. *S. zophodactylus* (Dup.)
p.211, add:
v.c.11 - Sparsholt, c., bred from *Gentianella amarella* (JRL, DHS).
1197. *S. bipunctidactyla* (Scop.)
p.211, add:
v.c.11 - Ampfield, 20.viii.77 (DHS); Botley Wood, 10.vii.75, c. (RJD).
v.c.12 - Leckford, 2.viii.80, one; Chilbolton, one bred from *Succisa*; South Winton, 28.vii.79, two larvae on *Knautia arvensis* (DHS).
1198. *S. pterodactyla* (Linn.)
p.211, add:
v.c.11 - Highcliffe (EHW); Church Place Inc., f.c.; Farley Mount, f.c.; Sparsholt, f.c.; Dean, nr. Winchester, f.c.; Winchester, f.c.; Botley Wood, f.c. (DHS); Portsdown Hill (RJD); Droxford, c.; Oxenbourne Down, c. (JRL).
v.c.12 - Harewood Forest, f.c.; Leckford, f.c.; Itchen Abbas, f.c. (DHS); Abbotstone Down, 13.vii.81; Medstead, 14.vii.79 (FHNS); Overton, small colony; Bramley, c. (AHD).
1199. *Pterophorus tridactyla* (Linn.)
p.211, add:
v.c.11 - Winchester, 18.vi.76 (DHS); Portsdown Hill, 2 & 9.vii.71, 3.vii.75; Oxenbourne Down, c. (RJD).
v.c.12 - Leckford, c.; Stockbridge, 7.vii.85, c. (DHS); Overton, 1980, two in Rothamsted trap (AHD).
1200. *P. baliodactylus* Zell.
p.212, add:
v.c.10 - Brading Down, c., bred from *Origanum* (JRL).

- v.c.11 - Farley Mount, 1.viii.77, eight; not seen again until 1989, when a few larvae found on *Origanum* on 31 May (DHS).
1201. *P. pentadactyla* (Linn.)
p.212.
1202. *P. galactodactyla* (D.& S.)
p.212, add:
v.c.11 - Farley Mount and Sparsholt, larvae c. (DHS); Botley Wood, f.c. (JRL).
1203. *P. spilodactylus* Curt.
p.212, add:
v.c.10 - Freshwater, still c. (JRL).
1204. *Adaina microdactyla* (Hübner.)
p.213, add:
v.c.10 - Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Teg Down, Winchester, 30.v.79 (DHS); Browndown, 1973; Hen Wood, East Meon, 1973; Portsdown Hill, 3.vii.75; Oxenbourne Down (RJD).
v.c.12 - Winnall Moors Nature Reserve, 22.vii.83, a few; 13.vii.88, one at m.v.light (JRL, DHS).
1205. *Leioptilus lienigianus* (Zell.)
p.213, add:
v.c.12 - Leckford, 15.vii.78, genitalia checked; bred from *Artemisia vulgaris* in 1981 and again in 1982, when eleven moths emerged, and in 1983 (DHS).
1206. *L. carphodactyla* (Hübner.)
p.213, add:
v.c.10 - Freshwater, 1958, two (SAK-J); Ventnor, 2.viii.87, one at m.v.light (JRL, ECP-C).
v.c.11 - Southsea, 21.viii.78 (JRL).
v.c.12 - Overton, 11.ix.79, genitalia checked by J.D.Bradley (AHD).
1207. [*L. osteodactylus* (Zell.)]
p.214.
1208. *L. tephrodactyla* (Hübner.)
p.214.
1209. *Oidaematophorus lithodactyla* (Treits.)
p.214, add:
v.c.10 - Freshwater, 20.vii.74 (CCS).
v.c.11 - Farley Mount, f.c. (JRL); Sparsholt, 19.vii.79, five after dark on *Inula conyza*, and seen again in subsequent years; Botley Wood, 26.viii.78, c., and seen again in 1981 and '83; Farlington Marsh, c. (DHS); Oxenbourne Down, 2.viii.75 (JRL); Little Butser Hill, 11.viii.77, four (AHD).
v.c.12 - Micheldever, 30.vii.74 (CHD); Bramley, 1979, loc.f.c.; Bartley Heath Reserve, Hook, 1987, loc. and sc. (AHD).
1210. *Emmelina monodactyla* (Linn.)
p.214, add:
v.c.10 - St.Lawrence, Sept.1980, abdt. (EHW); Ventnor, Aug.1987, f.c. (JRL, ECP-C); Shanklin, 11.ix.83 (JMC).
v.c.11 - Highcliffe (EHW); Emery Down (JEC); Winchester, Botley Wood, Browndown and many other places in the vice-county (DHS); Titchfield Haven L.N.R., f.c. autumn 1986 & '87 (PMP); Southsea, c. (JRL).
v.c.12 - Leckford, 5.viii.79, a few (DHS); Overton; Oakley; Bramley, f.c.; Bartley Heath Reserve, Hook, 1987, occ. (AHD).

HESPERIIDAE

1211. [*Carterocephalus palaemon* (Pall.) Chequered Skipper]
p.214.

1212. *Thymelicus sylvestris* (Poda) Small Skipper
p.215, add:
v.c.10 - Abdt. in West Wight: Tennyson Down; Freshwater; Brook Down; Compton Bay; Brighstone Forest; Parkhurst Forest; St. Helens (CCS, 1976); Tennyson Down, c.; Freshwater, occ. in garden (SAK-J, 1988).
v.c.12 - Burghclere, usually c., few in 1987, none seen in '88 (GGE-F); Ashford Hill N.R., 1987, c. in water meadows (DY); Noar Hill, Selborne, 20.viii.78, unique blue male seen and photographed (Huxley & Carter, 1981, *Entomologist's Gaz.* 32: 79-82, Pl.4 & 5).

This species had a poor season in 1987, with small numbers recorded from the mainland sites. The peak was in mid-July, and the butterfly was over by mid-August; one recorded from Titchfield Haven on 28.viii and one from West Meon on 4.ix; both sites are in v.c.11. (Oates, HBR, 1987). By contrast, 1990 was a very good season, especially in damper habitats: populations at Micheldever, Odiham, Butter Wood, Abbots Wood, Wicor, Boarhunt, Farlington Marsh and Whiteley did particularly well. It was adversely affected by drought on coastal sites such as Hayling Is., and on Portsdown Hill and Stockbridge Down (HBR, 1990).

1213. *T. lineola* (Ochs.) Essex Skipper
p.215, CORRECTION:
v.c.11 - Stockbridge, very small colony, 1927 (DWHF), should read 1972.

add:

Since 1974, *T. lineola* has increased considerably in Hampshire, particularly in v.c.12, and has become a feature of grassy roadside verges:

- v.c.11 - West Tytherley, 31.vii.73, one (DWHF); Martin Down, 28.vii.76, one specimen among 25 *T. sylvestris* examined (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 77), a poor year for the species there in 1987 (Oates, HBR, 1987). In 1990, reported for the first time at Timsbury, Boarhunt & Cheriton, and two sites in the Meon Valley; at Portsdown Hill, a census revealed 25% *T. lineola* : 75% *T. sylvestris* (HBR, 1990).
v.c.12 - Weyhill, 19.vii.82, two (MJ); Hawkey, north of Petersfield, 3.viii.81, at least one identified; Longmoor Camp, 1981 (R. Bristow); Sutton Scotney, in small numbers alongside A30 in 1987; Dummer, numerous on embankments of M3 motorway in 1987, not seen there in previous years; Noar Hill, first recorded 1984, not seen again until late July 1987, when a small colony found, evidently established; Fleet Pond colony had a bad year in 1987; colonies also noted at Hook, Yateley Common & Bentley (Oates, *loc.cit.*). Abundant in 1990 at several sites in North Hants, including Mapledurwell Fen, and increasing on roadsides round Basingstoke, but poor numbers reported from Selborne (HBR, 1990).

1214. *T. acteon* (Rott.) Lulworth Skipper
p.215.

1215. *Hesperia comma* (Linn.) Silver-spotted Skipper
p.215, add:
v.c.11 - At least one flourishing colony in the vice-county: over 70 individuals seen in late Aug.1979 (DHS); Martin Down, 1986, seen sparingly in one small area (BG); west of the county, three sites, numbers slightly up in 1987; Meon Valley, two sites: in 1987, one colony flourished while the other performed badly (Oates, HBR, 1987). In 1990, which was a bumper year for this species, *H. comma* was 'officially' reintroduced near Queen Elizabeth Country Park,

Petersfield; elsewhere in the vice-county, numbers were highest since 1984 (HBR, 1990).

v.c.12 - Porton Down, over 60 an hour counted in 1990 (HBR, 1990).

During the last decade, this species has expanded from three to six sites in the county, five in v.c.11 and one in v.c.12 (Oates, 1988, pers.comm.).

1216. *Ochlodes venata* (Br.& Grey) Large Skipper
p.216, add:

According to Oates (HBR, 1987), *O. venata* continues to flourish in Hampshire, and had a particularly good season in 1987. In 1990, it was reported as common at Tennyson Down, Freshwater, Walters Copse and Shalfleet (v.c.10), but on some mainland sites numbers were very poor: while there was a 'population explosion' at the end of May in Bentley Wood and 'very good numbers' at Butter Wood, it was reported as absent from several sites in the Basingstoke area, performance was 'poor' at Botley Wood, and 'the worst ever' at Noar Hill, Selborne (HBR, 1990).

1217. *Erynnis tages* (Linn.) Dingy Skipper
p.216, add:

v.c.10 - Tennyson Down, Afton Down and Compton Chine, c.; second brood example recorded on Tennyson Down, 16.viii.84 (SAK-J, 1988).

This species also had a very good year in 1987; good numbers were recorded from most sites, from some of which record numbers were reported (Oates, HBR, 1987), and in 1990 it was evidently still flourishing at most of its sites, though less common than in 1989 at some localities in v.c.10 (HBR, 1990).

1218. *Pyrgus malvae* (Linn.) Grizzled Skipper
p.216, add:

v.c.10 - Tennyson Down, Cranmore and Bouldnor, c. (SAK-J, 1988).

The Hampshire butterfly recorders made a special effort to find colonies of this species in 1987, and reported considerable success. There is evidence of a steady decline in recent years, notably in the east of the county, where it is now rare (Oates, 1988, pers.comm.). The following are taken from Oates (HBR, 1987):

v.c.11 - New Forest, several tiny colonies in the inclosures; Romsey area, small colonies in woodland; Hook-with-Warsash Nature Reserve, a thriving colony along the foreshore, apparently associated with *Potentilla erecta*.

v.c.12 - Basingstoke, a colony near woodland in the suburbs of the town; north-east Hampshire, six sites on the heathy area.

add:

v.c.12 - Burghclere, 24.v.89, one alive in conservatory, first record for district (GGE-F).

In 1990, *P. malvae* had a very good season both on the mainland and on the Isle of Wight, and succeeded in colonising several new sites, including six in v.c.10. It was found commonly at Ower, Botley Wood, Rowridge and Oxenbourne Down in v.c.11, at Abbotstone Down in v.c.12. It reappeared in Pamber Forest after an absence of 10 years (HBR, 1990).

PAPILIONIDAE

1219. *Papilio machaon* Linn. European Swallowtail
 subsp. *bigeneratus* Vty.
 p.216, add:
 v.c.10 - West High Down, 5.xi.78 (JMC).
 v.c.11 - Pilley Hill, Lymington, Aug.1984, twelve larvae found on carrot by Lee Darren Hurst (aged 9), and neighbours (*Southern Daily Echo*, 26.viii.84: phot.).

PIERIDAE

1220. *Leptidea sinapis* (Linn.) Wood White
 p.217, add:
 v.c.11 - Oxenbourne Down, 15.viii.84, seen and photographed by D. Goodall (BG).
 v.c.12 - There was an attempt to re-introduce the wood white into Alice Holt Forest in the late 1970's, but it vanished after five years (Oates, 1988, pers.comm.).
1221. *Colias hyale* (Linn.) Pale Clouded Yellow
 p.218.
1222. *C. alfacariensis* Berger Berger's Pale Clouded Yellow
 = *australis* Vty.
 p.218.
1223. *C. croceus* (Geoff.) Clouded Yellow
 p.219.
- The most recent big invasion of this species into southern England was in 1983. The Hampshire records are detailed in Oates, M.R. (1984), The Clouded Yellow in Hampshire. *Hampshire Magazine* 24, no.12: 17-25. Following years were poor, but in 1990, nearly 80 were recorded on the Isle of Wight, and at least 50 on mainland Hampshire (HBR, 1990).
1224. *Gonepteryx rhamni* (Linn.) Brimstone
 p.219.
1225. [*G. cleopatra* (Linn.) The Cleopatra]
 v.c.10 - There are two male specimens in Brit.Mus.(Nat.Hist.) labelled Ventnor, Isle of Wight, 1870, and Sandown, Isle of Wight, August 1873. They are unlikely to have been genuine immigrants. See Howarth (1971) and Bretherton in Emmet & Heath (1989).
1226. *Aporia crataegi* (Linn.) Black-veined White
 p.220.
1227. *Pieris brassicae* (Linn.) Large White
 p.220.
1228. *P. rapae* (Linn.) Small White
 p.220, add:
 v.c.10 - Gurnard, 26.iii.89; Queens Bower, 28.iii.89 - early dates (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).
1229. *P. napi* (Linn.) Green-veined White
 p.221.

1230. *Pontia daplidice* (Linn.) Bath White
 p.221, add:
 v.c.10 - London Farm, Newtown, 9.ix.90, female seen imbibing on fleabane in company of *P. brassicae* and *P. rapae* (B. Angell in HBR, 1990).
 v.c.11 - Fair Oak, 16.vii.84, one watched flying through writer's garden (P. Holloway, Nature Correspondent, Southern Daily Echo, 12 Dec.1984) (See Brether-ton & Chalmers-Hunt, 1985, *Entomologist's Rec.J.Var.* 97: 183).
1231. *Anthocharis cardamines* (Linn.) Orange-tip
 p.222, add:
 v.c.12 - Ashford Hill N.R., 1987, c. in water meadows (DY).

This species has continued to thrive in recent years, and 1990 was reported as being one of the best of the century for it in Hampshire (HBR, 1990).

LYCAENIDAE

1232. *Callophrys rubi* (Linn.) Green Hairstreak
 p.222, add:
 v.c.10 - Tennyson Down, sc.; Afton Down, f.c. (SAK-J, 1988).
 v.c.11 - Black Gutter Bottom, 10.vi.79, female ovipositing on *Ulex europaeus* (BG).
 v.c.12 - Bordon district, f.c. (JWOH, 1973).

C. rubi had a very poor year in 1986, but there were signs of a small recovery in 1987; New Forest, fairly widespread amongst gorse, and also in a few inclosures; numbers were very low on all recorded sites on the Chalk; Fleet Pond (v.c.12), a small colony apparently associated with bramble (Oates, HBR, 1987). By 1990, there appeared to have been a good recovery, and the butterfly was reported as being common in many localities, including Bonchurch Landslip (v.c.10), Portsdown Hill & Oxenbourne Down (v.c.11) and Magdalen Hill Down, Winchester & Selborne (v.c.12) (HBR, 1990).

1233. *Thecla betulae* (Linn.) Brown Hairstreak
 p.223, add:

There has evidently been a massive decline during this century, especially since the late 1940's (Oates, pers.comm.).

- v.c.10 - Rowlands Wood (PC).
 v.c.11 - Botley Wood, 1.vi.46 & 10.vi.47 (CHD); no records of the species from this locality in the last decade (Oates, 1988, pers.comm.).
 v.c.12 - Bordon district, one locality known (JWOH, 1973); Andover district, present in small numbers over a wide area; Selborne, colony had quite a good season in 1987 (Oates, HBR, 1987), 1990 was the best season in this locality since 1977; transect figures:

	1983	1984	1985	1986	1987	1988	1989	1990
Selborne (MR Oates)	5	19	15	14	10	12	15	26
							(HBR, 1990)	

1234. *Quercusia quercus* (Linn.) Purple Hairstreak
 p.223, add:
 v.c.10 - Bouldnor, f.c. (SAK-J, 1988); Parkhurst Forest & Combley Great Wood, c. in 1990 (P. Sheehan in HBR, 1990).
 v.c.11 - Burley Street, 26.vi.82, one at m.v.light (MJ).
 v.c.12 - Armsworth, 14.viii.75, one at m.v.light (DWHF); Burghclere, many in 1984, few in '85 & '86, and none recorded in '87 & '88 (GGE-F); Axmansford, 1987, larvae on oak (DY); Pamber Forest, gynandromorph, right side female,

bred from larva beaten 9.vi.79 (Lockyer, 1981, *Entomologist's Rec.J.Var.* 93: 12).

In 1990, good numbers were reported from many localities in Hampshire, and particularly on the Isle of Wight (HBR, 1990).

1235. *Satyrrium (Strymonidia) w-album* (Knoch) White-lettered Hairstreak

p.224, add:

v.c.10 - West Wight, July, 1981, small colony on cliffs (Clouter, 1981, *Entomologist's Rec.J.Var.* 93: 240); Freshwater, 21.viii.84; Newtown, f.c. on bramble blossom (SAK-J, 1988); St.Lawrence, 7.viii.83 (JMC); Brook Down, 2.viii.74, one male at bramble flowers (CCS); Compton Bay, 1975, one seen (PC); Luccombe Down, 17.vii.76, one at woodsage flowers (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 77). Colony on path to Golden Hill, Freshwater; also at Parkhurst, Bembridge & St.Lawrence (SAK-J, 1991).

v.c.11 - Kings Somborne, Feb.1976, many eggs found on wych elm twigs (Luckens, 1977, *Entomologist's Rec.J.Var.* 89: 149); Sparsholt, v.c. in a small area of *Ulmus glabra* up to 1978, when trees died (DHS).

A total of 45 colonies of this butterfly, some of them very small and associated with a single mature wych elm, were known prior to the great storm of October 1987; at least one such tree was destroyed in the gale, and other colonies may have suffered likewise (Oates, HBR, 1987).

"This beautiful but elusive species maintains a precarious existence in small isolated colonies throughout the region.....by all accounts, 1990 was an average to poor year" (HBR, 1990).

1236. [*S. pruni* (Linn.)

Black Hairstreak]

p.224.

1237. *Lycaena phlaeas* (Linn.)

Small Copper

p.225, add:

v.c.12 - Burghclere, not seen since 1984 (GGE-F, 1988).

Following a period of deep decline, this species showed welcome signs of recovery in 1990 to somewhere close to 1977 numbers in many parts of the county. Transect figures:

	1986	1987	1988	1989	1990
Stockbridge Down	20	26	38	35	72
Bakers Copse	2	1	2	14	16
Wendleholme	-	-	38	65	89
Fleet Pond	17	22	21	27	12
Farlington Marsh	1	0	0	15	30

(HBR, 1990).

1238. *Lampides boeticus* (Linn.)

Long-tailed Blue

p.225, add:

v.c.10 - Mr S.A. Knill-Jones has informed me that the date of the specimen recorded by Blair, given as 1949 in Goater (1974) was in fact taken by himself in 1952; it was a female, and there was a male flying with it which was missed.

v.c.11 - Highcliffe, 21.x.85, one at a 1" actinic tube light (EHW).

1239. *Cupido minimus* (Fuessl.)

Small Blue

p.225, add:

v.c.10 - Freshwater, 24.v.84, two in the garden (SAK-J); Afton Down, 1979-'82, numerous in one small locality; Chilton Chine, 1981 (JMC); Compton Down, 30.vii.74 & 27.vii.75; Brook Down, 30.vii.75, on flowers in middle of the wood

(CCS). Alum Bay, strong colony virtually eliminated in 1990 by a sand slide (HBR, 1990).

- v.c.11 - Teg Down, Winchester, a few seen; St.Catherines Hill, Winchester, 22.vii.76, teste J. Phillips (DHS); Chappets Copse, West Meon, 26.vi.86, a few on roadside banks; Portsdown, 1988, still loc.c. (JRL).
- v.c.12 - Leckford, 23.viii.78, a few, and similarly in subsequent years except for 1986, when it was abdt. in an area where turf had been removed some years previously and downland plants were re-establishing; presumably this area had reached a stage when it produced ideal habitat for the species; Stockbridge Down, 1977, a few (DHS); Weyhill, two flourishing colonies (MJ); Bordon district, one locality known (JWOH, 1973).

1987 was a good year for this species in Hampshire: "huge numbers" were reported at Martin Down, and it also did well at Portsdown (v.c.11) and near Burghclere (v.c.12) (Oates, HBR, 1987). There are at present some 30 known sites in Hampshire, some of which support genuinely large colonies (Oates, 1988, pers.comm.). In 1990, however, *C. minimus* did badly, and was recorded commonly only from the disused railway at West Meon and from Oxenbourne Down (v.c.11). (HBR, 1990).

1240. *Everes argiades* (Pall.)
p.226.

Short-tailed Blue

1241. *Plebejus argus* (Linn.)
p.226, add:

Silver-studded Blue

- v.c.11 - Fletchwood Meadows, nr. Ashurst, 11.viii.88 (JRL, DHS); Emer Bog, 14.vii.79, c. (DHS).

Still flourishing in many parts of the county in 1987, when it had another good year (Oates, HBR, 1987). However, although it is still secure in the New Forest, the status of the silver-studded blue on the MoD heaths in the north-east of the county leaves much to be desired: here, large tracts of open heathland are being invaded by pine, birch and oak (Oates, 1988, pers.comm.). Latest reports for 1990 indicate that its colonies continue to thrive on the whole, though one at Shedfield Common (v.c.11) appears to have become extinct where the heather has become overgrown with bracken (HBR, 1990).

1242. *Aricia agestis* (D.& S.)
p.227, add:

Brown Argus

- v.c.10 - Freshwater; Brighstone; Compton Bay; St.Helens; all f.c. (CCS, 1975); Tennyson Down, f.c.; Freshwater, occ. in garden (SAK-J, 1988).
- v.c.11 - South-west of Stockbridge, f.c.; Teg Down, Winchester, f.c. (DHS).
- v.c.12 - Leckford, c. (DHS); Bramley Frith Wood, 17.viii.88, one male (AHD).

This is a species that seems to have suffered from the succession of poor summers in recent years, and Oates (HBR, 1987) gives a very gloomy picture of the insect's status in Hampshire. A survey, started in 1987 by the Hampshire Branch of the Butterfly Conservation Society, yielded very little data, and was continued in 1988. Only one butterfly was seen during 1987 at Farley Mount and Beacon Hill, and only two or three at Stockbridge; numbers were also very low at Martin Down. However, three new sites were discovered in the Andover area, and it was "not too scarce" at St. Catherines Hill, Winchester. However, the fine summers of 1989 and 1990 enabled the species to make a dramatic recovery, and 1990 was an outstanding year, both on the Isle of Wight and the mainland (HBR, 1990).

1243. *Polyommatus icarus* (Rott.)
p.227, add:

Common Blue

- v.c.12 - Burghclere, not recorded since 1984 (GGE-F, 1988).

This is another species that has been declining, and in 1987, it was reported as being distinctly scarce at many sites, and "the worst year on record" at Noar Hill, Selborne; however, reasonable numbers were recorded from Farlington Marsh (v.c.11) and Basing (v.c.12). (Oates, HBR, 1987). The summers of 1989 and 1990 were beneficial to *P. icarus* as well, and a strong second brood in 1990 gave numbers in excess of those recorded in 1976, and evidence of colonisation of many new sites (HBR, 1990).

1244. *Lysandra coridon* (Poda) Chalkhill Blue
p.227, add:
v.c.10 - Tennyson Down & Afton Down, v.c. (SAK-J, 1988).
v.c.11 - South-west of Stockbridge, 1979, c. (DHS); Portsdown, 1988, still loc.f.c. (JRL).
v.c.12 - Leckford, 1979, c.; Stockbridge, 1977 & '84, c. (DHS).

According to Oates (HBR, 1987), this butterfly suffered a dramatic decline in 1985, followed by a slight recovery in 1986; too few records were received for 1987 to see if the recovery has continued, but transect data from Martin Down indicate that it had its best-ever season there, probably as a result of sound management of the Reserve:

	1982	1983	1984	1985	1986	1987
counts:	245	277	341	224	555	709

The chalkhill blue is currently known from about 30 sites in the county (Oates, 1988, pers.comm.).

The good summers of 1989 and 1990 resulted in a dramatic increase in populations, both on the Isle of Wight and in mainland Hampshire, on many sites, though the one on St. Catherine's Hill, Winchester has shown serious decline as a result of over-grazing by rabbits, reversing trends are shown by the following transect data, taken from HBR, 1990:

	1986	1987	1988	1989	1990
Stockbridge Down	226	602	407	356	1747
St.Catherine's Hill	603	689	410	342	268

1245. *L. bellargus* (Rott.) Adonis Blue
p.228, add:
v.c.10 - Afton Down, 1979, 1980, two, 26.viii.84, five; Brook Down, 31.v.82, ten; Littleton Down, 23.viii.84, nineteen (JMC); Tennyson Down, sc.; Afton Down, f.c. (SAK-J, 1988).

The adonis blue very nearly died out in mainland Hampshire at the beginning of the decade, when it was confined to a tiny population on Martin Down NNR; since then appropriate management has enabled this colony to expand, and it has been successfully re-established on Old Winchester Hill NNR. Numbers were low at both sites in 1987 (Oates, 1988, pers.comm.). In HBR, 1990, it was stated that there had been no records from Old Winchester Hill for the last two years, but that it had flourished in its colonies on the Isle of Wight and at Martin Down, where in 1990 it had its best season for many years.

1246. *Cyaniris semiargus* (Rott.) Mazarine Blue
p.229.

1247. *Celastrina argiolus* (Linn.) Holly Blue
p.229, add:
v.c.10 - Freshwater, 28.iii.89 - early date (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).

After three very poor years, 1986-'88, the holly blue showed a remarkable recovery in 1989, and was even commoner in 1990. It must be anticipated that the species will decline again in the near future, such fluctuations being a characteristic feature of the insect's interplay with its parasites.

1248. *Maculinea arion* (Linn.) Large Blue
p.230.

RIODINIDAE

1249. *Hamearis lucina* (Linn.) Duke of Burgundy
p.230, add:
v.c.10 - Calbourne, 1980, sev., site now overgrown (JMC); Calbourne & Shorwell, good numbers in 1990, and a new site discovered in a chalk combe near Chillerton (HRB, 1990).
v.c.11 - New Copse, 1977 & '78, two or three seen each year, but not since (AJP); Crab Wood, 1975 (DHS).
v.c.12 - Bordon district, one locality known (JWOH, 1973).

This species continues to occur locally in mainland Hampshire. In 1988, Oates (pers comm.) stated that *H. lucina* was all but lost from the Hampshire woodland, but there were still about 40 sites on the Chalk, with three strong colonies known. 1987 was apparently quite a good year for it. Oates (HBR, 1987) reported a good recovery at Selborne, following damage to the site by overgrazing from rabbits. However, 1990 was a particularly good season at all the known Hampshire localities, and new colonies were discovered at Shipton Bellinger and near Romsey: Harewood Forest (v.c.12), over 90 counted on 25.v.90. At the Selborne site, 96 were counted along the transect route on 7.v.90 (HBR, 1990).

	1983	1984	1985	1986	1987	1988	1989	1990
Selborne counts:	157	224	134	67	150	122	137	237

NYMPHALIDAE

1250. *Ladoga camilla* (Linn.) White Admiral
p.231, add:
v.c.10 - Tennyson Down, sc.; Freshwater, occ. in garden; Bouldnor, f.c. (SAK-J, 1988); Parkhurst Forest, 27.vii.74, f.c.; Combley Great Wood, 4.viii.78, f.c.; Brighstone Forest, 18.viii.78 (CCS); Rowlands Wood, f.c. (PC).
v.c.11 - Crab Wood, 1975; Emer Bog, 1979 & again in 1986 (DHS); Southsea, July 1976, one in surgery garden (JRL).
v.c.12 - Harewood Forest, c. most years; Doles Wood, sc. (MJ); Burghclere, many in 1984, few 1985-'87, none recorded in 1988 (GGE-F); Axmansford woods, 1987, f.c. (DY).

The late 1980's was a particularly poor period for this butterfly in Hampshire, and a deterioration in the weather at a critical stage in the insect's life history in 1990 resulted in yet another bad year in nearly every locality, the exception being Pamber Forest (v.c.12), where the population showed a surprising increase (HBR, 1990).

1251. *Apatura iris* (Linn.) Purple Emperor
p.232, add:
v.c.11 - Kings Somborne, July 1974, male in a greenhouse (ECLS); Crab Wood, 1982 was best year ever for this species, but it was not seen at all in 1987 or '88; Emer Bog, 1979, one seen (DHS).
v.c.12 - Harewood Forest, 1987, one seen (JWP); Burghclere, in garden most years up to 1983, then unrecorded except for two in 1986 (GGE-F, 1988); Doles

Wood, 10 & 13.vii.82 (MJ); Bartley Heath Reserve, Hook, 9.v.87, two larvae on *Salix* (AHD); Bordon district, c. (JWOH, 1973).

A. iris has been in general decline in Hampshire since 1984, and 1990 was regarded as 'disastrous': although it was seen in most of its known localities, numbers were extremely low (HBR, 1990).

1252. *Vanessa atalanta* (Linn.) Red Admiral
p.233, add:
v.c.10 - Nr. Ventnor, early January 1989; Gatcombe, 25.iii.89; Freshwater, 28.iii.89 - early dates (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).

Singletons occasionally taken at m.v.light, e.g.:
v.c.12 - Martyr Worthy, 4, 6 & 9.x.76 (DWHF); Weyhill, 11 & 14.ix.82 (MJ).
1253. *Cynthia cardui* (Linn.) Painted Lady
p.233.
1254. *C. virginiensis* (Drury) American Painted Lady
p.233, add:
v.c.10 - Brook Down, 22.vii.84, a good sight record (JMC).
1255. *Aglais urticae* (Linn.) Small Tortoiseshell
p.234, add:
v.c.10 - Lake, 8.ii.89; Parkhurst, 10.ii.89 - early dates (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).
1256. *Nymphalis polychloros* (Linn.) Large Tortoiseshell
p.234, add:
v.c.10 - Freshwater, 29.vii.83, one flew into living room (SAK-J); Shanklin, 26.vii.81 (JMC).
v.c.11 - Hurn, early August 1967 (Samson, 1976, *Entomologist's Rec.J. Var.* 88: 176).
v.c.12 - Selborne area, a scatter of sightings during the late 1970's and early 1980's; careful investigation suggests that the species was almost certainly naturally established in the area between 1978 and 1984, and that the records were not of released bred stock. Sightings, always of singletons, occurred from just east of Binstead to just north-east of Selborne, and it is suggested that the breeding ground was in a group of *Ulmus* hybrids at East Worldham (Oates, 1988, pers.comm.).
1257. *N. antiopa* (Linn.) Camberwell Beauty
p.235, add:
v.c.10 - Totland, 5.ix.83, one seen in their garden by Dr. & Mrs. Kiszely (comm. SAK-J). (See Bretherton & Chalmers-Hunt, 1984, *Entomologist's Rec.J. Var.* 96: 150).

There was an invasion of this species into southern and eastern England in 1976, and specimens were recorded in Hampshire as follows:

- v.c.11 - Maybush, Southampton, 22.viii.76, feeding on an over-ripe pear, seen by Mrs.M.F.Athersuch (comm. Dr. Luckens); Ringwood, 25.viii.76, seen by Miss E.Prett (comm. W.E. Collinson); Eversley Cross, 25.viii.76, seen by A.G. Leuchars (comm. R.A. French); Hinton St.Michael, Christchurch, 3.ix.76, by Miss P. Jenkins (comm. D.J. Carter); Poulner nr. Ringwood, 16.ix.76, seen flying round a manure heap by J. Broughton (comm. W.E. Collinson). (See Chalmers-Hunt, 1977, *Entomologist's Rec.J. Var.* 89: 97).

Two further specimens were reported in 1984 (see Bretherton & Chalmers-Hunt, 1985, *Entomologist's Rec.J. Var.* 97: 184):

v.c.11 - Southampton, 6.viii.84, on buddleia, T. Bernhead, comm. Dr.C.J. Luckens.
v.c.12 - Alton, 8.viii.84, by D. le Pard.

1258. *Inachis io* (Linn.) Peacock
p.236, add:
v.c.10 - Parkhurst, 10.ii.89; Gurnard, 21.ii.89 - early dates (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).
1259. *Polygonia c-album* (Linn.) Comma
p.236, add:
v.c.10 - Brook Down, Brighstone & Parkhurst, 1974 & '75, seen in some numbers (CCS); Shanklin, c. (JMC). Common over the whole of West Wight (SAK-J, 1988). Cowes, 8.iii.89, Osborne, 18.iii.89 - early dates (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).
v.c.12 - Micheldever, 1948, larvae v.c. on black currant, nettle and elm (CHD); Bordon district, f.c. (JWOH, 1973).

This species continues to thrive in Hampshire and the Isle of Wight.

1260. *Boloria selene* (D.& S.) Small Pearl-bordered Fritillary
p.237, add:
v.c.10 - Parkhurst Forest, still c. in 1984 (JMC).
v.c.12 - Bordon district, c. (JWOH, 1973).

About 20 colonies, mostly small, known in mainland Hampshire in 1987 (Oates, HBR, 1987). Loss of suitable open woodland habitat appears to be the key factor in the decline of this insect, and in places where good management prevails, as at West Tytherley, Pamber Forest and Alice Holt, it was reported in very good numbers in 1990 (HBR, 1990).

1261. *B. euphrosyne* (Linn.) Pearl-bordered Fritillary
p.237, add:
v.c.12 - Bordon district, c. (JWOH, 1973).

The 1987 Report on this species is not altogether gloomy, and is worth quoting at some length. "Since the cessation of coppicing on most of its former sites, the species has greatly contracted its range. The 20 or so colonies remaining are mostly located in the south of the county. A few small colonies still exist in the surviving oak-with-hazel copses around Winchester and Stockbridge, and else-where certain F(orestry) C(ommission) plantations still contain populations in the sunnier rides and glades. There are three known colonies within the New Forest inclosures....near Stockbridge, the species has recently colonised a sheltered grassland/scrub site, an unusual habitat in Hampshire. Most populations consist of 20-50 individuals, but one site in the west of the county.....is estimated to hold in excess of 1000 individuals. The insect has maintained, or increased its numbers at all Hampshire sites in 1987.....Despite the apparently optimistic picture, the overlying trend is a downward one. Many sites in FC conifer plantations will probably soon lose the species, as the trees mature and shade out the violets. It is therefore heartening to report that 'official' re-establishments have been made near Basingstoke and Tadley. Also, a detailed survey was commissioned by the FC as the first step towards ensuring its future in Alice Holt Forest" (HBR, 1987). It is reported to have had an excellent season in 1990, chiefly in the south-western half of mainland Hampshire and West Wight, and there is evidence that the opening up of woodland by storm damage has been favourable to this species. Habitat deterioration appears to have adversely affected the main colony in Alice Holt (HBR, 1990).

1262. [*B. dia* (Linn.) Weaver's Fritillary]
p.238.
1263. *Argynnis lathonia* (Linn.) Queen of Spain Fritillary
p.238, add:
v.c.11 - Bournemouth, 15.viii.76, one seen at close range flying in off the sea (Dobson, 1977, *Entomologist's Rec.J.Var.* 89: 78).
v.c.12 - Kingsley Common, 14.viii.78, one (M.R. Oates, pers.comm.). This was a sight record by a naturalist who has previous experience with the species; Mr. Oates watched the specimen for two or three minutes, basking on open sandy ground, opening and closing its wings: there seems to be no reason for doubting the record, though it is a pity it was not published at the time (BG).
1264. [*A. niobe* (Linn.) Niobe Fritillary]
p.238.
1265. *A. adippe* (D.& S.) High Brown Fritillary
p.238, add:
v.c.10 - Shalcombe Wood, 22.vii.84 (JMC).
v.c.11 - A single female observed imbibing nectar for five minutes at marsh thistle, at the species' last known haunt in the extreme west of the county, on 8.vii.87 (Oates, HBR, 1987). Not recorded since (HBR, 1990).
1266. *A. aglaia* (Linn.) Dark Green Fritillary
p.239, add:
v.c.10 - Tennyson Down, Brighstone, Compton Bay & Brook Down (in wood and on downland), in good numbers 1973-'75 (CCS); Tennyson Down, f.c.; Freshwater, occ. in garden (SAK-J, 1988).
v.c.11 - South-east New Forest, a sizeable colony found in an inclosure, the first definite colony recorded in the Forest for a number of years (Oates, loc.cit.); Crab Wood, 1975 (DHS).
v.c.12 - Weyhill, July 1982, one (MJ); near Lasham, 1971 (JWOH).
- The species had a good year in Hampshire in 1987 (Oates, HBR, 1987), but recent increases in the rabbit population on chalk downland have adversely affected the *Viola* on which it depends, and its future in the county is uncertain. In 1990, *A. aglaia* was recorded in small numbers from Tennyson Down, Shalcombe and Brighstone (v.c.10), at West Meon (v.c.11) and Stockbridge Down (v.c.12), but better success was noted at Porton Down (v.c.12) (HBR, 1990).
1267. *A. paphia* (Linn.) Silver-washed Fritillary
p.240, add:
v.c.10 - Compton Bay, 27.vii.75, male feeding on ragwort flowers; Combley Great Wood, 4.viii.78, f.c. (CCS).
v.c.12 - Axmansford woods, 1987, six seen (DY).
- Widespread but not generally common in mainland Hampshire; about 40 colonies known, each containing between about 30 and 500 individuals (Oates, HBR, 1987). In 1990, a fine, hot spring caused larvae to feed up and pupate early, then in June high mortality was caused by an extended period of cold, wet weather. Only at Crab Wood (v.c.11) were numbers up to expectations, and in general the species had a very poor season. (HBR, 1990).
1268. *Eurodryas (Euphydryas) aurinia* (Rott.) Marsh Fritillary
p.240, add:
v.c.12 - Bordon district, one locality known (JWOH, 1973).

Oates (HBR, 1987) comments that this species is found in a number of

distinctly different habitats in Hampshire - ten sites are known in boggy meadow, three on downland, a few in woodland, generally in plantations created on meadowland, and on boggy heathland and chalk scrub. Several sites appear vulnerable to loss by development. The tendency of the species to show great fluctuations of population size is remarked, and it is stated to be particularly vulnerable to over-collecting when numbers are at a low ebb. The success of an "official" re-establishment project with the species at Liphook (v.c.12) in 1983 is reported. In general numbers appear to have been low in 1987.

1269. *Melitaea cinxia* (Linn.) Glanville Fritillary
 p.241, add:
 v.c.10 - Tennyson Down, occ.; Freshwater, occ. in the garden; Compton Bay, sometimes abdt. (SAK-J, 1988).
 v.c.11 - St. Catherines Hill, Winchester, 4.vi.82, three sightings: photographs taken by D. Hill (comm. DHS).
1270. [*Melicta athalia* (Rott.) Heath Fritillary]
 p.242, add:
 v.c.12 - Woolmer Forest, 1966, two seen; not since (JWOH, 1973).

SATYRIDAE

1271. *Pararge aegeria* (Linn.) Speckled Wood
 p.242, add:
 v.c.10 - Abundant over the whole Freshwater area of West Wight, during late August, 1973; also at Brighstone, Parkhurst Forest and Brading Down (CCS); Cranmore, c. (SAK-J, 1988).
 v.c.12 - Micheldever, sc. (CHD, 1974); Burghclere, c. every year, 1984-'88 (GGE-F); Axmansford woods, 1987, c. (DY).

This species is thriving at the present time in Hampshire and in many other parts of southern England, and Oates (HBR, 1987) presents an extremely satisfactory picture of its status.

1272. *Lasiommata megera* (Linn.) Wall Brown
 p.243, add:
 v.c.10 - Much scarcer in recent years: Tennyson Down & Freshwater, now only occ.; Compton Chine, still f.c. (SAK-J, 1988).
 v.c.11 - Keyhaven, Sept.1989, sev. along sea bank; Farlington Marsh, Sept.1989, sev. (BG).
 v.c.12 - Crawley, not seen in garden since 1984 (RAB); Micheldever, now v.sc. (CHD, 1974); Burghclere, one in 1984 & two in '85, only recent records (GGE-F, 1988).

In contrast with the previous species, this butterfly has fallen into serious decline, having been generally common in the county a mere 13 years ago, it was reported from only 16 sites in 1986, and just 12 in 1987. It is a species that requires warm, dry, sunny habitat, and it seems to have responded to the recent succession of cold, wet summers by retreating to the coast. Oates, (HBR, 1987), mentions a strong colony on the shoreline at Lepe Country Park, and fair numbers at Hilsea in 1987, where it was quite numerous in August. Other coastal localities mentioned are Hengistbury Head, Hill Head, Titchfield Haven and Farlington Marsh. Inland records for v.c.11 are given for Holmsley Inclosure, Romsey, Clanfield and Old Winchester Hill, and for v.c.12 Bramshill and Kingsley.

Since 1987, *L. megera* has fared better, the hot summers of 1989 and 1990 having clearly favoured it. In 1990, it was abundant at Binnel Point and Compton Chine (v.c.10), and reported in good numbers from mainland

coastal sites at Hook with Warsash, Portsdown Hill and Farlington Marsh. Small numbers were also recorded from several inland localities, in places where it had not been reported for a number of years (HBR, 1990).

1273. *Melanargia galathea* (Linn.) Marbled White
p.243, add:
v.c.10 - Freshwater, Tennyson Down, Brook Down, Brighstone, Parkhurst Forest, Ventnor Undercliff, 1973-'75, abdt. in all kinds of grassland, even adjoining built-up areas (CCS); Newtown f.c.; Tennyson Down, still abdt. (SAK-J, 1988).
v.c.11 - Milford-on-Sea & Titchfield Haven, colonies established on coastal grassland; but no records from the New Forest in 1987 (Oates, HBR, 1987).
v.c.12 - Weyhill, loc.c. (MJ); Highclere Park, colony on acid grassland; Hazeley Heath, Hartley Wintney, 10.vii.87, five or six seen flying over an infilled rubbish dump (Oates, *loc.cit.*); Bartley Heath Reserve, Hook, 1987, sc. (AHD).
1274. *Hipparchia semele* (Linn.) Grayling
p.244, add:
v.c.12 - Burghclere, not seen since 1984 (GGE-F, 1988).

According to Oates (HBR, 1987), the decline of this species seems to be continuing, though he nevertheless records two interesting colonies on the coast, at Hengistbury Head and Hamble Common, in 1987. He regards this as another species that requires fine, hot summers, and remarks that no heathland sites appear to have been lost, although only two colonies are known to survive on the Chalk (1988, pers.comm.).

The fine late summers of 1989 and 1990 have certainly improved the fortunes of *H. semele*, and it was reported to be present in abundance on the New Forest heaths (v.c.11) and on the commons of north-east Hampshire (v.c.12) (HBR, 1990).

1275. *Pyronia tithonus* (Linn.) Gatekeeper
p.244, add:
v.c.12 - Axmansworth, 1987, c. (DY).

The poor summer of 1987 resulted in a disastrous season for this species in Hampshire, according to Oates (HBR, 1987). Since then, it has recovered, and there was evidently a huge population explosion in 1990, following an increase in 1989 (HBR, 1990).

1276. *Maniola jurtina* (Linn.) Meadow Brown
p.244, add:
v.c.12 - Axmansworth, 1987, c. (DY).

Oates (HBR, 1987) suggested there was evidence for a decline in numbers of this species; my own observations supported this, though they were not backed by any numerical data. Recently, there has been a good recovery, though less spectacular than in the case of *P. tithonus*.

1277. *Coenonympha pamphilus* (Linn.) Small Heath
p.245, add:

According to Oates (HBR, 1987), this is another species that appears to be able to cope with a succession of inclement summers. He reports numbers well up to normal on sites on the Chalk, with its best season yet at Martin Down, and the best season since 1976 at Noar Hill. By contrast, numbers were down on some other sites including Farlington Marsh (v.c.11) and Fleet Pond (v.c.12).

Following two dry summers, *C. pamphilus* has shown a small increase in

numbers in damper localities, and a decrease on the dry Chalk. It has failed to show an improved performance comparable with those of *P. tithonus* and *M. jurtina*, but appears to be holding its own.

1278. *Aphantopus hyperantus* (Linn.) Ringlet
p.245, add:
v.c.10 - Tennyson Down, c.; Totland Bay, sc. (SAK-J, 1988).

This species is apparently flourishing in the county at the present time (see Oates, HBR, 1987). However, it favours damper habitats than either *P. tithonus* or *M. jurtina*, and has suffered in the heat of the summers of 1989 and 1990, especially on drier sites.

DANAIDAE

1279. *Danaus plexippus* (Linn.) Milkweed
p.245, add:
v.c.10 - Shanklin, 28.viii.76 (JMC); Yaverland, 6.vii.79, one photographed on *Escallonia* in a garden (Bretherton & Chalmers-Hunt, 1980, *Entomologist's Rec.J.Var.* 92: 95); Bembridge School, 21.ix.81 (comm. JMC); Godshell, 6.x.81, one found squashed on a road (PC); St.Catherine's Point, 20.vi.83, D.J. Brazier, comm. E.M. Raynor (Bretherton & Chalmers-Hunt, 1984, *Entomologist's Rec.J.Var.* 96: 150).
v.c.11 - Lymington, 25.ix.81, comm. A. Harmer; Fareham, 30.ix.81, on *Buddleia*, and again, or possibly another, 1.x.81, comm. Mrs J. Carpenter; 13.x.81, one flying in over sea wall, comm. GR. Elliott (Bretherton & Chalmers-Hunt, 1982, *Entomologist's Rec.J.Var.* 94: 145); Pennington, 27.ix.81, one seen flying in off sea (R.& P. Allison); Pennington Marsh, 24.ix.83 by P. Cooper (Bretherton & Chalmers-Hunt, 1984, *Entomologist's Rec.J.Var.* 96: 150).

LASIOCAMPIDAE

1280. *Poecilocampa populi* (Linn.) December Eggar
p.246.
1281. *Trichiura crataegi* (Linn.) Pale Eggar
p.246, add:
v.c.10 - Dodnor, 10.iv.88, one found dead in a strip-light (PJC).
v.c.11 - Frame Wood, 4.ix.78, two; Emery Down, singletons in 1978 & '79 (JEC); Parkhill Inc., 13.ix.78, ten males at m.v.light (BG); Ashurst, 1977, two (JCAC); Balmer Lawn, 7.v.79, one larva; Ladycross, 9.ix.79, one female; Winchester, 15.ix.85, one at m.v.light; Botley Wood, 2.vi.79, one larva (DHS).
v.c.12 - Harewood Forest, 7.v.79, one larva (DHS); Crawley, one or two most years in garden trap; male and female in 1988 (RAB); Burghclere, few at m.v.light in garden most years, but not recorded in 1987 or '88 (GGE-F); Old Basing, 5.ix.82 (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 152); Alice Holt, few each year (TGW).
1282. *Eriogaster lanestris* (Linn.) Small Eggar
p.246, add:
v.c.11 - Portsmouth, 1909, nests of larvae in hedgerows at foot of chalk downs (Sperring, 1910, *Entomologist's Rec.J.Var.* 22: 12).
1283. *Malacosoma neustria* (Linn.) Lackey
p.247.
1284. *Lasiocampa trifolii* (D.& S.) Grass Eggar
p.247, add:
v.c.11 - Southsea, 17.viii.72, one at m.v.light; larvae occ.; Hayling Is., larvae still c. up to 1988 (JRL).
1285. *L. quercus* (Linn.) Oak Eggar
p.247.
1286. *Macrothylacia rubi* (Linn.) Fox Moth
p.247, add:
v.c.12 - Burghclere, 18.v.89, one at m.v.light, only the second record (GGE-F).
1287. *Philudoria potatoria* (Linn.) Drinker
p.247.
1288. *Gastropacha quercifolia* (Linn.) Lappet
p.247.

SATURNIIDAE

1289. [*Saturnia pyri* (D.& S.)]
v.c.11 - Swaythling, Southampton, 24.v.84, a male found fluttering on grass close to the M27 motorway at 0630hrs. by K. Watson; it is a matter of conjecture whether or not this specimen was a genuine migrant, or released from captivity. It is now in the Brit.Mus.(Nat.Hist.). See Goater, 1985, *Entomologist's Gaz.* 36: 21).
1290. *Pavonia (Saturnia) pavonia* (Linn.) Emperor Moth
p.248.

ENDROMIDAE

1291. *Endromis versicolora* (Linn.) Kentish Glory
 p.248, add:
 v.c.11 - There are two specimens, a male and a female, in the Sterling coll. labelled:
 New Forest, 1917. L. Tatchell (DHS).

DREPANIDAE

1292. *Falcaria lacertinaria* (Linn.) Scalloped Hooktip
 p.248, add:
 v.c.10 - Freshwater, occ. (SAK-J, 1988); Godshill, occ.; fairly common in woodland in America Woods, Rowlands Wood and Parkhurst Forest (PC).
1293. *Drepana binaria* (Hufn.) Oak Hooktip
 p.248.
1294. *D. cultraria* (Fabr.) Barred Hooktip
 p.248, add:
 v.c.10 - According to Prof.C.C. Smith, this species moved in force into woodlands in West Wight during the early 1970's, following the planting of quantities of beech on Brook Down and Brighstone, where it came commonly to light in late July 1975. Freshwater Marsh, 3.viii.75, one (CCS).
 v.c.11 - New Forest, f.c. in beechwoods; Sparsholt, 1975, a few; Emer Bog, f.c.; Winchester, f.c. (DHS); Minstead, 56 in 1976 (LWS); Parnholt Wood, 21.v.78 (BG), f.c. (AHD); East Meon, c. (JRL).
 v.c.12 - Crawley, f.c. (RAB); Weyhill, 7-10 each year (MJ); Burghclere, singletons at m.v.light in garden in 1984 & '85, two in 1986 (GGE-F); East Woodhay, one in 1986 (RJH); Noar Hill, 1970 (SRD); Alice Holt, few at light (TGW), still f.c. (JRL, 1989).
1295. *D. falcataria* (Linn.) Pebble Hooktip
 p.249, add:
 v.c.10 - Shanklin, c.; Haven Street, c. (PC).
1296. *Cilix glaucata* (Scop.) Chinese Character
 p.249.

THYATIRIDAE

1297. *Thyatira batis* (Linn.) Peach Blossom
 p.249.
1298. *Habrosyne pyritoides* (Hufn.) Buff Arches
 p.249, add:
 v.c.11 - Emery Down, one taken at m.v.light in mid-winter, 7.xii.79 (JEC).
1299. *Tethea ocularis* (Linn.) Figure of Eighty
 p.249, add:
 v.c.10 - Freshwater, sc. (SAK-J, 1988).
 v.c.11 - New Milton, c. (KDN); Emery Down, few each year (JEC); Sparsholt, 19.vi.79; Winchester, c.; Botley Wood, 1.vii.78, c. (DHS).v.c.12 - Leckford, 29.vi.78, and in subsequent years, f.c. at m.v.light (DHS); Crawley, f.c. (RAB); Weyhill, 18.vi.81, 10.vii.81 & 31.v.82 (MJ); Burghclere, few at m.v.light every year except 1988 (GGE-F); East Woodhay, occ. (RJH); Oakley, 1983-'84, now frequent at m.v.light; Axmansworth, 1987 (DY); Bartley Heath Reserve, Hook, 1987, sc. (AHD); South Warnborough, 1986 & '87 (PR); Bordon district, c. (JWOH, 1973).

1300. *T. or* (D.& S.) Poplar Lutestring
 p.250, add:
 v.c.11 - Denny Wood, 27.vi.79; Sparsholt, f.c. at sugar (DHS); Crab Wood, a good colony (RAB); Havant Thicket, 19.vii.72, c. (JRL).
 v.c.12 - East Stratton, 5.vii.87, one at m.v.light (BI-J); Micheldever, singletons in 1970 & '72, and two in 1975 (CHD); Weyhill, 10.vii.81, Pamber, 12.vi.82 (MJ); Burghclere, few at m.v.light in garden every year since 1984, when first recorded (GGE-F, 1988); Axmansworth, 1987, one at m.v.light (DY); Bordon district, sc. (JWOH, 1973); Alice Holt, occ. (TGW).
1301. *Tetheella fluctuosa* (Hübner) Satin Lutestring
 p.250, add:
 v.c.11 - Winchester, 23.vi.83, one at m.v.light - a fresh and unmistakable specimen (DHS). NEW VCR.
 v.c.12 - Bordon, 7 & 13.vii.70, 27 & 30.vii.71, then c. in 1973 (JWOH); Alice Holt, 15.vii.69, male at light, genitalia checked (TGW).
1302. *Ochropacha duplaris* (Linn.) Common Lutestring
 p.251, add:
 v.c.10 - Queens Bower, Shanklin, 7.vii.83 (NH); Freshwater, 14.vii.86 (SAK-J). According to Poole (IWG, 1909), this species is fairly common in the Isle of Wight; localities cited are Freshwater, Bembridge and Greatwoods Copse, Shanklin. These are the first records since those days!
 v.c.12 - Harewood Forest, f.c. (DHS); Crawley, one or two most years in garden trap (RAB); East Stratton, 11.vii.88 (BI-J); East Woodhay, one in 1987 (RJH); Micheldever, two in 1975: last seen in 1956 (CHD).
1303. *Cymatophorima diluta* (D.& S.) Lesser Lutestring
 p.251, add:
 v.c.12 - Burghclere, c., 148 (1989) to 351 (1985) per year in last 8 years (GGE-F, 1991).
1304. *Achlya flavicornis* (Linn.) Yellow Horned
 p.251, add:
 v.c.10 - Godshell, four recorded in six years (PC).
1305. *Polyploca ridens* (Fabr.) Frosted Green
 p.251, add:
 v.c.12 - Axmansworth woods, 1987, c., some melanic specimens (DY).

GEOMETRIDAE

1306. *Archiaris parthenias* (Linn.) Orange Underwing
p.251, add:
v.c.10 - Combley Great Wood, seen in 1979 (PJC).
1307. *A. notha* (Hübner) Light Orange Underwing
p.251, add:
v.c.11 - Crab Wood, c. in one small clump of aspens (DHS); Havant Thicket, 3.iv.88 (JRL).
v.c.12 - Harewood Forest, 14.vi.75, four larvae beaten (RJD).
1308. *Alsophila aescularia* (D.& S.) March Moth
p.252.
1309. *Aplasta ononaria* (Fuessl.) Rest Harrow
p.252.
1310. *Pseudoterpna pruinata* (Hufn.) Grass Emerald
p.252.
1311. *Geometra papilionaria* (Linn.) Large Emerald
p.252.
1312. *Comibaena bajularia* (D.& S.) Blotched Emerald
= *pustulata* (Hufn.)
p.252, add:
v.c.12 - Burghclere, up to 20 per year (GGE-F, 1991).
1313. *Hemithea aestivaria* (Hübner) Common Emerald
p.252.
1314. *Chlorissa viridata* (Linn.) Small Grass Emerald
p.252, add:
v.c.11 - Beaulieu Heath, 1984-'86, larvae obtained commonly by sweeping (AJP); Baddesley Common, 1974-'75, f.c.; Emer Bog, at m.v.light (AHD), 4.vii.79, one (DHS).
1315. *Thalera fimbrialis* (Scop.) Sussex Emerald
p.253.
1316. *Hemistola chrysoprasaria* (Esp.) Lesser Emerald
p.253, add:
v.c.12 - Burghclere, singletons, 6.vii.89 & 30.vii.91 (GGE-F).
1317. *Jodis lactearia* (Linn.) Little Emerald
p.253.
1318. *Cyclophora pendularia* (Clerck) Dingy Mocha
p.253, add:
v.c.11 - Fassnidge (1923-'24), gives New Forest, f.c.; Lyndhurst, f.c.; Southampton, r.; Crab Wood, occ. The species remained fairly common locally in the New Forest until the mid-1950's, and the entomologists of the day were able to obtain larvae each autumn by beating fallows in the boggy areas round Brockenhurst and Lyndhurst, e.g. nr. Brockenhurst, Sept. 1953, larvae numerous (de Worms, 1954, *Entomologist's Rec.J.Var.* 66: 48). Pitman (1963, *ibid.* 75: 195) used occasionally to beat the imago from foliage between the years 1928 & '31. In the 1960's the moth was taken at light, but infrequently: Burley, one or two each year (CWM-P, 1969), Hale, May 1963, three by G.F. Dollimore in coll. R.I. Lorimer; Sandydown, occurs (RH);

Parkhill Inc., one (DJLA, 1969); Minstead, 1963, two, 1965, two and 1967, one, at m.v.light (LWS). D.W.H. Ffennell sought the species persistently in the 1960's and '70's, and failed to find it, and the only recent records to hand are: Boldre, 11.viii.79, one at m.v.light (AJP); Ashurst, 1979, one (JCAC); St.Ives, nr. Ringwood, 28.vii.88, female at light: infertile (JC).

1319. *C. annulata* (Schulze)
p.253, add:

The Mocha

This species is considered sufficiently uncommon to justify inclusion of all records; the reader is referred to the general remarks on the species' status in the county made by Fassnidge and quoted in Goater (1974):

- v.c.10 - Brading; Sandown; Bembridge; Yaverland (IWG); Mersley Down; Parkhurst; Wootton (Proc.IoWNHS 1928: 596); Freshwater, occ. (KGB), 19.viii.88, one at m.v.light (SAK-J); Newtown district (Lobb), 16.v.67 (CWP); Bouldnor, June 1988, found commonly; Godshill, 15.vi.79, two & 14.vi.80 (PJC).
- v.c.11 - New Forest, a few one year only, 1928-'31 (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 195); Brockenhurst, 1892, sev. at sugar (Adye, 1893, *Entom.* 26: 56); Lyndhurst, 1900 (Robertson, 1900, *Entomologist's Rec.J.Var.* 12: 340); Hurst Hill Inc., 1902 (Lofthouse, 1902, *ibid.*: 14: 272); Parkhill Inc., 2.vii.32, one & 1.vi.34, five (CGMW); Ornamental Drive, 19.viii.55, one (RFB); Sandydown, sc. (RWW); Royden Wood, Brockenhurst, 1985, single female from which a series bred (AJP); Minstead, 1964, first record (LWS); Ashley, nr. Kings Somborne, 21.iv.45; Crab Wood, 5.vi.52 and 5.vi.53, singletons; Winchester, 4.ix.79, 6.viii.74, singletons at m.v.light (DHS); Chandlers Ford, 22.viii.46, 7.viii.91 (BG); Shawford, Aug.1970, r. (GSR); Twyford, 1950, one; Fareham, 1954, one & 1963, two (DWHF); Fishers Pond, 1927, larvae (Fassnidge, 1927, *Trans.Hants Ent.Soc.* 3: 33); Catisfield, 22.v.65, male at m.v.light (CHD); Southsea, 23.viii.72, one, a new record (JRL); Rowlands Castle, f.c. (FCS, 1969); Botley Wood, 2.vi.79, at m.v.light, and 7.vi.84, one by day (DHS), 11.viii.84, two at m.v.light; Wickham, 12.vi.70, 7.vi.73; Havant Thicket, 2.vi.71; Waterlooville, 3.viii.63, two (JRL).
- v.c.12 - Crawley, v.r. (RAB, 1988); Itchen Valley, 1966, one (DWHF); Long Sutton, 1944 (JMC-H); Pamber, July, 1968 (BRB); Fleet & Alice Holt, not c. (AWR); Alice Holt, 17.v.64 (EAS), singletons at light in 1968 & '69 (TGW).

1320. *C. albipunctata* (Hufn.)
p.253, add:

Birch Mocha

- v.c.10 - Freshwater, 13.v.56, is the only record (SAK-J, 1988); Godshill, f.c.; Combley Great Wood (PJC).

1321. *C. puppillaria* (Hübner.)
p.253, add:

Blair's Mocha

- v.c.10 - Freshwater, 25.x.88, male at m.v.light (SAK-J); Godshill, 21.x.77 (PJC).
- v.c.11 - Highcliffe, 31.viii.82, male at m.v.light (Wild, 1982, *Entomologist's Rec.J.Var.* 94: 204), 25.ix.83, by E.H. Wild (Bretherton & Chalmers-Hunt, 1984, *ibid.* 96: 151); Lymington, 24.x.77, male at m.v.light (AJP); Ashurst, 23.x.77 (JCAC); Winchester, 15.x.78, one at m.v.light (DHS); Southsea, 24.x.77 and 15 & 18.x.78, singletons at m.v.light (JRL).
- v.c.12 - Micheldever, 3.x.76, one at light (CHD): Dixon gave the date wrongly as 22.vii.76 in 1977, *Entomologist's Rec.J.Var.* 89: 12, but subsequently corrected it (*ibid.*: 107).

1322. *C. porata* (Linn.)
p.254, add:

False Mocha

This is another species that has become considerably less common, and all records found for Hampshire and the Isle of Wight are given as follows:

- v.c.10 - Sandown; Bembridge (IWG); Parkhurst Forest, f.c.; Shide, f.c. (*Proc. IoWNHS*, 1928: 596); Newtown district (JL); Parkhurst Forest, 1933 (Wakely, 1934, *Entom.* 67: 146), at light (HGJ).
- v.c.11 - New Forest, not c.; Ringwood; Fordingbridge, f.c.; Bassett; Southampton, sc.; Chandlers Ford, f.c.; Romsey; Crab Wood, not c.; Rowlands Castle, sc. (Fassnidge, 1923-'24). Highcliffe, three in B.C. Barton coll., never seen at Mudeford (Carr, 1961, *Entomologist's Rec.J.Var.* 73: 23); New Forest, frequent (Ramsay & Cox, 1869, *Entom.* 4: 369), 1900 (Robertson, 1900, *Entomologist's Rec.J.Var.* 12: 300), 1928-'31, not unc. at dusk (Pitman, 1963, *ibid.* 75: 195); Hurst Hill Inc., 1902 (Lofthouse, 1902, *ibid.*, 14: 272-4); Set Thorns Inc.; Broadly Inc., r.; central New Forest, r.; all pre-1940; eastern New Forest, 1946-'55, r. (ADT); Burley, f.c. (CWM-P, 1969); Sandydown, sc. (RWW, 1970); Lyndhurst, Ornamental Drive, 14.viii.54 (RFB); Minstead, 1962, three at m.v.light, first records; becoming f.c. (LWS, 1969); Linford, 1969 (LWS); Chandlers Ford, 5.viii.52 (BG); Winchester, 1977, two, 1984, one, at m.v.light in garden (DHS); Bursledon, 1970, c. in both spring and autumn broods (IAW); Catisfield, 14.vi.68, 18.viii.69 (RJD); Botley Wood, 11.viii.84, one at m.v.light; Wickham, 13.vi.70, 26.v.73, singletons (JRL); Rowlands Castle, six only (FCS, 1969).
- v.c.12 - Generally distributed in the north of the county (Fassnidge, 1923-'24). I have:

St.Mary Bourne, one by T.Widge (Andover List); Crawley, once only (RAB); Itchen Valley, sc. (DWHF, 1970); Micheldever, 28.vii.60 & 16.v.65 (CHD); Burghclere district, sc. (RS); Farringdon, 18.ix.63; Hook Common, 25.v.65, four; Alice Holt, few each year (EAS, 1969); Hawley; Hook (DWHF); Aldershot district, v.c. (A.W. Richards, 1957); Bordon, c. (DW, 1969); Farnborough, 1969, one in Rothamsted trap (GB); Alice Holt, few at light, eleven in 1970 (TGW).

1323. *C. punctaria* (Linn.) Maiden's Blush
p.254, add:
v.c.11 - Chandlers Ford, sev. in 1991, both broods (BG).
v.c.12 - Burghclere, c., 146 in 1991 (GGE-F).
1324. *C. linearia* (Hübner) Clay Triple Lines
p.254, add:
v.c.10 - Brook Down, 28.viii.73, c. (CCS).
v.c.12 - Burghclere, occ., three in 1991 (GGE-F).
1325. *Timandra griseata* (Peters.) Blood Vein
p.254.
1326. *Scopula ornata* (Scop.) Lace Border
p.254.
1327. *S. marginepunctata* (Goeze) Mullein Wave
p.254, add:

All records now included, as follows:

- v.c.10 - Shanklin, Sandown, Niton, Yarmouth, Ventnor (IWG); Freshwater, f.c. (KGB); St.Lawrence, f.c. (Fassnidge).
Freshwater cliffs, 1.ix.59, one at light (BG); Newtown district (JL); Niton, 1951 (CGMW); Shalfleet, 24.v.47, one at rest (BG); Brading Down, 14.ix.68 (WRLG); Cowes, 1955 (CWP); Ryde, 13.ix.41, two (AME).
- v.c.11 - Ringwood; Sway; Southampton, not c.; Romsey; Winchester; Portsdown; Hayling Is., c.; Havant; Fareham, not c. (Fassnidge).
New Milton, 1926 (Jones, 1927, *Trans.Hants Ent.Soc.* 3: 9), one (MDN, 1971); Sway, 1967-'68, few (ADT); Brockenhurst, 23.vi.46 (RWW); Beaulieu Road,

13.vi.78 (JEC); Minstead, first taken in 1962 (two), and subsequently 1964 (one), 1966 (two) & 1968 (one) (LWS); Warren Farm Flats, 1.ix.70; Calshot, 3-4.ix.70, 35; Hythe, 29.viii-4.ix.69, seven (LKE); Totton, May 1945, one; Chandlers Ford, sc. (BG); Southampton, f.c. (DJLA); Winchester, 29.v.76 (DHS); Bursledon, f.c.; Browndown, f.c. (IAW); Catisfield, spring 1964, one at light (RJD); Titchfield Haven (DWHF); Cosham, 1985 & '86 (MTMR); Rowlands Castle, four; last taken 1960 (FCS); Southsea, c. (JRL); Hayling Is., f.c. (EAS, JMW, *et al.*).

v.c.12 - Martyr Worthy, 1951 & 1971, singletons at m.v.light (DWHF); Whitehill, nr. Bordon, sc. (DW).

1328. *S. imitaria* (Hübner) Small Blood Vein
p.254.

1329. *S. emutaria* (Hübner) Rosy Wave
p.255, add:

All records are now given:

v.c.10 - Yarmouth; St.Helens (IWG); Freshwater, c. (Fassnidge).
St.Helens (DWHF, 1970); Newtown, July, 1985, one (SAK-J); Yarmouth, 29.vii.78, one (CCS).

v.c.11 - New Forest, c.; Ringwood; bogs round Brockenhurst and Lyndhurst; Romsey; Cosham, c.; Great Salterns, sc.; Hayling Is., c. (Fassnidge).
Hengistbury Head, 25.vi.52 (H.King, in coll. BENHS); Hurst Castle, 9.vii.55, sev. (Redgrave, 1956, *Entomologist's Rec.J.Var.* 68: 169); Lymington, 1902, (Piffard, 1902, *ibid.* 14: 288); New Forest, 1928-'31, sc., three only at dusk (Pitman, 1963, *ibid.* 75: 195); Burley, sc. (CWM-P, 1969); Hinchleslea Moor, pre-1940, f.c. (ADT); Sandydown, f.c. (RWW); Denny Bog, f.c. (BG, A.C.R. Redgrave), 17.vii.76, 11.viii.78, singletons by day Matley Bog, 22.vi.88, one by day; Needs Ore Nature Reserve, 14.vii.82, one at m.v.light (DHS); ; Brockenhurst, Five Thorns Bog, 2-7.vii.30 (RFB); Minstead, 1969 (LWS); Titchfield Haven, 5.vii.58, one; Portsmouth, 19.vii.84, one (JRL); Farlington Marsh, 19.vii.84, four at m.v.light (DHS); Havant Thicket, 3.vii.69 (EAS); Hayling Is., f.c. (EAS *et al.*), Sinah Common, 30.vi.87, f.c. at m.v.light (AGG).

1330. *S. immutata* (Linn.) Lesser Cream Wave
p.255, add:

This is another species that seems to have decreased; all records are given:

v.c.10 - Sandown, one; Bembridge, perhaps in error (IWG); Freshwater, occ. (KGB).

v.c.11 - New Forest, loc.; Ringwood; Baddesley, c.; Winchester (Fassnidge).
New Forest, c. (Farn, 1872, *Entom.* 6: 122), not rare (Lockyer, 1874, *ibid.* 7: 138); Brockenhurst (Salwey, 1881, *ibid.* 14: 200); Buckland, pre-1940, f.c. (ADT); Bishops Dyke (SRD, 1971); Emer Bog, 1925 (Fassnidge, 1925-'26, *Trans.Hants Ent.Soc.* 2: 33), still f.c. by day in late 1970's (BG); Ampfield; West End (DWHF, 1970); Bursledon, r. (IAW); Browndown, few each year (EAS).

v.c.12 - Kingsley, nr. Alton, 1920, f.c. (Fassnidge).
St.Mary Bourne, 1955, one by Sir Robert Maxwell (*Andover List*); Leckford (J.S. Lewis coll., DWHF), 14.vii.79, 9.vii.81, 7 & 14.vii.85, few by day on chalk downland (DHS); Itchen Valley, formerly c., now sc. in water meadows (DWHF); Alresford Pond, 12.vii.58, one (RFB); Burghclere, twice only, in 1964 & '67 (RS); Ashford Hill N.R., 1987 (DY); Oakley, 21.vii.84, one at m.v.light (AHD); Aldershot district, c. (A.W. Richards, 1957).

1331. *S. floslactata* (Haw.) Cream Wave
p.255.

1332. *Idaea ochrata* (Scop.) Bright Wave
p.255.
1333. *I. muricata* (Hufn.) Purple-bordered Gold
p.255.
1334. *I. vulpinaria* (H.-S.) Least Carpet
v.c.11 - Ashurst, 11.vii.77, one at m.v.light (Craik, 1978, *Entomologist's Rec.J.Var.* 90: 7). I have seen the specimen. See Goater (1983).
add:
v.c.10 - Twelve taken between 28.vii & 26.viii.91: three at Freshwater (SAK-J), three at Niton (D. Wooldridge), four at Chale Green (S. Colenutt), two at Binstead (B. Warne). NEW VCR.
v.c.11 - Highcliffe, 9.viii.84, 30.vii.91 (EHW); Southsea, 9 & 25.vii.91, singletons at m.v.light (JRL); Hayling Is., 6.viii.84, 1.viii.85 (JMW).
1335. [*I. laevigata* (Scop.) Strange Wave]
p.255.
1336. *I. sylvestraria* (Hübner.) Dotted Border Wave
p.255, add:
v.c.10 - Shanklin, 2.viii.80 (JMC).
v.c.11 - St.Ives, nr. Ringwood, 19.vii.88 (JC); Highcliffe (EHW).
v.c.12 - Burghclere, 1.viii.85, only record in 8 years (GGE-F, 1991).
1337. *I. biselata* (Hufn.) Small Fan-footed Wave
p.256.
1338. [*I. dilutaria* (Hübner.) Silky Wave]
p.256.
1339. *I. fuscovenosa* (Goeze) Dwarf Cream Wave
p.256, add:
v.c.10 - Freshwater, three in 1991 (SAK-J); Godshill, occ.; Steephill Cove, c. (S. Colenutt); St. Helens f.c. (PJC).
1340. *I. humiliata* (Hufn.) Isle of Wight Wave
p.256.
1341. *I. seriata* (Schränk.) Small Dusty Wave
p.256.
1342. *I. dimidiata* (Hufn.) Single-dotted Wave
p.256.
1343. *I. subsericeata* (Haw.) Satin Wave
p.256.
1344. *I. trigeminata* (Haw.) Treble Brown Spot
p.256, add:
v.c.10 - St.Lawrence, Sept.1980, two (EHW); Godshill, f.c.; Shanklin, f.c. (PJC). Recorded from Cranmore area, Bouldnor, Firestone Copse and Parkhurst Forest during NCC Survey in June, 1988 (PW).
v.c.12 - Crawley, annually (RAB, 1988); Burghclere, c. in garden, 78 in 1985 (GGE-F, 1988).

1345. *I. emarginata* (Linn.)
p.257, add:

Small Scallop

This species seems also to have decreased; all records are given:

- v.c.10 - Sandown; Horringford, one (IWG); Freshwater, 24.vii.62 (SAK-J); Cranmore (JL); Godshill, 14.vii.86; Parkhurst Forest, 20.vii.88; St. Helens, 13.vii.86 (PJC).
- v.c.11 - New Forest; Ringwood; Chandlers Ford, f.c.; Romsey; Crab Wood; Portsmouth, Great Salterns, f.c. (Fassnidge).
New Forest, Ringwood end (Corbin, 1874, *Entom.* 7: 144); New Forest (Mitchell, 1892, *ibid.* 25: 18); Ringwood (Fowler, 1891, *ibid.* 24: 71), c. in 1892 (Fowler, 1893, *ibid.* 26: 127); Sopley Marsh, 31.vii.52, two (H. King, in coll. BENHS); Bashley, 17.vii.68 (LKE); Buckland, pre-1940, f.c.; Sway, 1967-'68, a few (ADT); Burley, r. (CWM-P); Brockenhurst (DWHF, 1970); Linford, 1968, in Rothamsted trap (LWS); Chandlers Ford, occ. (BG); Ampfield, 3.vii.78, one; Winchester, 8.viii.80, one (DHS); Southampton, n.c. (DJLA); Bishops Waltham, 1946 (CGMW); Titchfield Haven, 9.viii.81, one at m.v.light (KJW); Brown-down, few each year (EAS, 1969), 27.vii.79, one (DHS); Catisfield, 16.vii.64, one at light (RJD); Hayling Is. (JMW, 1977).
- v.c.12 - Headley Park; Pamber, c.; south of Newbury (Fassnidge).
Crawley, July 1972, three (RAB); Itchen Valley, formerly f.c., now sc. (DWHF); Burghclere district, loc.f.c. in damp places (RS), f.c. in garden, max. 15 in 1985, none in 1988 (GGE-F, 1987); Alton district, a swarm once among stunted birches; none since (Stowell, 1924, *Trans.Hants Ent.Soc.* 1: 23); Aldershot district, c. (Richards, 1957); Farnborough, 1969 & '70, singletons at Rothamsted trap (GB); Alice Holt, f.c. (TGW). Not seen in Hampshire since 1980 (DHS).

1346. *I. aversata* (Linn.)
p.257.

Riband Wave

1347. *I. degeneraria* (Hübner.)
p.257.

Portland Ribbon Wave

1349. *I. straminata* (Borkh.)

Plain Wave

p.257, CORRECTION, line 4, for Burchclere, read Burghclere.

add:

All records now included, as follows:

- v.c.10 - Blackpan Common, one only (IWG); Sandown (Fassnidge).
Cranmore (JL).
- v.c.11 - New Forest, occ.; Ringwood; Southampton, r.; Chandlers Ford, f.c.; Horn-dean, c. (Fassnidge).
Brockenhurst (Salwey, 1881, *Entom.* 14: 200); Ringwood; Brockenhurst; Fritham (DWHF, 1970); Burley, sc. (CWM-P, 1969); Sway, r. (ADT); Lyndhurst, 1900 (Robertson, 1900, *Entomologist's Rec.J.Var.* 12: 340), few each year (EAS, 1969); Minstead, f.c.; Linford, 1968, one (LWS), 30.vi.64, one (EAS); Holmhill, July 1979, four, 2.vii.80 & 30.vi.81, singletons; Denny Wood, 29.vii.78, one; Mallard Wood, 3.vii.82, a few; Sparsholt, 11.vii.81, one; Winchester, 3.vii.77, one, 18.vii.79, two, 20.vii.82, sev. (DHS); Bursledon, 3 & 22.vii.69 & 1.vii.70 (IAW); Wickham, 12.vi.70; Havant Thicket, 17.vii.55, 1.vii.71 (JRL), 17.vii.59, sev. (BG); Rowlands Castle (DWHF, 1970).
- v.c.12 - Alton, one (Fassnidge).
Leckford, 29.vi.78, one (DHS); Itchen Valley, 1967, one; Alresford (DWHF); Abbotstone Down, 14.vii.64 (EAS); Micheldever, 31.vii.62, one (CHD); Burghclere district, f.c. (RS), few, up to nine per year in garden (GGE-F, 1991); East Woodhay, singletons in 1986 & '87 (RJH); Pamber, r. (BRB);

Hawley, 1949, one (Richards, 1949, *Entom.* 82: 278); Runfold, 7.vii.26 & 2.vii.49 (AWR, *in litt.*); Bordon, 1956, one (DW); Alice Holt, 1934 (CGMW), 16 & 19.vii.63 (EAS).

1349. *Rhodometra sacraria* (Linn.) Vestal
p.257, add:

This species has been a common migrant between late August and late October in many parts of Hampshire over the last five years, 1985-'90 (many recorders).

1350. *Mesotype virgata* (Hufn.) Oblique Striped
p.257, add:

All records are now given:

- v.c.10 - Freshwater; Bembridge (IWG); Freshwater; St.Lawrence, not c. (Fassnidge). Freshwater, f.c.; Cranmore, f.c.; Totland, f.c. (SAK-J).
- v.c.11 - Ringwood; Shawford, not c.; Romsey; Winchester, loc.c.; St.Catherines Hill, Winchester, loc.c.; Twyford Downs, loc.c.; Hayling Is., c. (Fassnidge). New Forest, 1928-'31, usually kicked up across the heath (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 196); Pickett Post, 1968, one on heath (SRD); Burley, sc. (CWM-P); Linwood, 25.vii.67, one at m.v.light (LKE); Kings Somborne, as *Eubolia lineolata* (AHS, 1930); Broughton; Winchester, formerly f.c. (DWHF, 1970); St.Catherines Hill, Winchester, 27.v.45 (BG); Hayling Is., loc.f.c. (EAS, 1969), still present in 1988 (JRL).
- v.c.12 - Not recorded by Fassnidge. Leckford, 26.iv.45, 26.vii.46, both at light (J.S.Lewis coll., comm.DWHF); Stockbridge, f.c., at least until 1979 (DHS); Micheldever, 12.vii.70, one at m.v.light (CHD); Burghclere district, loc.f.c. on downs (RS); Whitehill, nr. Bordon, 1952, one (DW); Alice Holt, 10.v.36, at light (de Worms, 1937, *Entom.* 70: 54).

1351. *Orthonama vittata* (Borkh.) Oblique Carpet
p.257, add:

All records are given:

- v.c.10 - Freshwater; Bembridge; Brading (IWG); N. Appleford Wilderness, Aug. 1933, sev. (Wakely, 1934, *Entom.* 67: 146); Freshwater, f.c. (KGB), only records 26.viii.54 & 17.ix.57 (SAK-J, 1988); Godshill, 30.v.79, 1.vii.86, two (PJC).
- v.c.11 - Ringwood, c.; Brockenhurst; Christchurch; Southampton, one specimen; Chandlers Ford, sc.; Romsey; Winchester water meadows, not c.; Cosham, f.c.; Purbrook, sc. (Fassnidge). Christchurch, Sept.1888, by A. Druitt (RWW coll.); St.Ives, nr. Ringwood, 7.ix.88 (JC); Ringwood; Fordingbridge (DWHF, 1970); New Forest, 1928-'31, v.c. over the damp heathy areas (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 197); Burley, sc. (CWM-P, 1969); Brockenhurst, 3-7.vii.30 (RFB); Sandydown, few (RWW); Emery Down, 30.viii.79 (JEC); Parkhill Inc., 13.ix.78, one at m.v.light (BG); Minstead, f.c.; Lifford, 1970 (LWS); Buckland, pre-1940, f.c. (ADT); Ashurst, 1978, one (JCAC); Romsey (Buckell, 1882, *Entom.* 15: 161); Emer Bog, 1927 (Fassnidge, 1927, *Trans.Hants Ent.Soc.* 3: 32), 9.vi.84, 28.vi.87, singletons; Winchester, 4.vi.82, one at m.v.light in garden (DHS); St.Cross, Winchester, 1970, one (SRD); Bursledon, 15.vi.69 (IAW); Catisfield, 18.vii.69, female at m.v.light (RJD); Titchfield Haven, 8.vi.53, one & 13.vi.53, three, at m.v.light (BG, A.C.R.Redgrave), 10.vi.67, c. (JRL); Lee-on-Solent, 1946-'55, few (ADT); Browndown, 7.x.63, 25.viii.64 (EAS); Fareham, 20.vi.87, female at m.v.light (KJW); Petersfield (?v.c.) (Robinson, 1877, *Entom.* 10: 303).
- v.c.12 - Woolmer Forest, c.; Shortheath swamp, nr. Alton; Thruxton, nr. Andover (Fassnidge). Crawley, 8.x.86, one at m.v.light (RAB); Winnall Moors, 13.viii.88, one at

m.v.light (JRL, DHS); Itchen Valley, formerly f.c., now sc. DWHF, 1970); Micheldever, 30.viii.52 & 24.viii.74 (CHD); Itchen Stoke, 22.viii.58 (RFB); Polehampton, 12.viii.63 (EAS); Burghclere district, sc. (RS); Faringdon, 27.vi.66; Alice Holt, 23.vi.64 (EAS); Aldershot district, c. (Richards, 1957); Whitehill, sc. (DW).

1352. *O. obstipata* (Fabr.) The Gem
p.258.
1353. *Xanthorhoe biriviata* (Borkh.) Balsam Carpet
p.258, add:
v.c.11 - Winchester, 20.viii.91, one at m.v.light in garden (DHS). NEW VCR.
v.c.12 - Leckford, 18.vii.79, one at m.v.light; since this date, it has become established on both sides of the R. Test (DHS), 31.vii.87, two males (JC); 12.viii.88, one disturbed from a tree trunk by day & one at m.v.light (BG).
1354. *X. designata* (Hufn.) Flame Carpet
p.258, add:
v.c.10 - America Woods, occ. (PJC).
1355. [*X. munitata* (Hübner)] Red Carpet
p.258.
1356. *X. spadicearia* (D.& S.) Red Twin-spot Carpet
p.258.
1357. *X. ferrugata* (Clerk) Dark-barred Twin-spot Carpet
p.258.
1358. *X. quadrifasciata* (Clerck) Large Twin-spot Carpet
p.259, add:
v.c.10 - Shanklin, 7.viii.82 (JMC). Presence in vice-county confirmed.
v.c.11 - Aldridge Hill Inc., New Forest, 22.vii.74, one at m.v.light (AHD); Dockens Water, 21.v.88, female netted (JC); Winchester, 8.vii.76, one at m.v.light, another in 1983 (DHS).
v.c.12 - Harewood Forest, 30.vi & 1.vii.75, single males at m.v.light; Leckford, 4.viii.75, female by E.C.L.Simson, 15.vii.78, one at actinic light, 8.vii.79, one by day, since when one or more have been seen annually up to 1988, which was a particularly good year for the species (DHS), f.c. (RAB); Chilbolton, 10.vii.78, four (JEC); Crawley, sc. at m.v.light (RAB); Kingsworthy 18.vii.91, one at m.v.light (AHD); Burghclere, singletons at light in garden, 1984 & '85, and three in 1986 (GGE-F, 1988); Overton, 5.viii.80 & 9.vii.81 (AHD); Wellington Country Park, 1986-'87 (DY).
1359. *X. montanata* (D.& S.) Silver Ground Carpet
p.259, add:
v.c.12 - Itchen Valley, 25.x.75, one at m.v.light - an extremely late date (DWHF).
1360. *X. fluctuata* (Linn.) Garden Carpet
p.259.
1361. *Scotopteryx bipunctaria* (D.& S.) Chalk Carpet
p.259, add:

DHS writes, "Since 1978, I have only found the species in two places - at Compton Down (v.c.10) and on a patch of broken downland S.W. of Stockbridge (v.c.11)".
1362. *S. chenopodiata* (Linn.) Shaded Broad-bar
p.259.

1363. [*S. mucronata* (Scop.)
p.259.

Early Lead Belle]

Satisfactory records of this species in Hampshire have still not been received.

1364. *S. luridata* (Hufn.)
p.260.

July Lead Belle

1365. *Catarhoe rubidata* (D.& S.)
p.260, add:

Ruddy Carpet

v.c.11 - Winchester, 26.vi.76, 14 & 23.vii.78, 3.vi.82, 15.vii.86 (DHS); Titchfield Haven, 22.vi.76, one at light (Dickson, 1977, *Entomologist's Rec.J. Var.* 89: 77); Hayling Is., 4.vii.77, 28.vi.78, 21.vi.80, 15.vii.81, 25.vi.85, 12.vii & 9.viii.86 (JMW).

v.c.12 - Fyfield, 25.vi.59 & 27.vi.75 (ECLS); Crawley, occ. (RAB); Itchen Valley, recorded again in 1974, '75 & '76 (DWHF).

1366. *C. cuculata* (Hufn.)
p.260, add:

Royal Mantle

All records are given, as follows:

v.c.10 - Not recorded in IWG. Freshwater Marsh, 14.vii.53, one at m.v.light (BG); Freshwater, 2.viii.64 & 4.vii.69 (SAK-J); Totland, July 1979, one, and again in 1986 & '87 (PJC).

v.c.11 - Wootton, one specimen; Romsey, one specimen; Winchester, v.r.; Emsworth, taken by Mr. Christy (Fassnidge).

New Forest, Ringwood end (Corbin, 1874, *Entom.* 7: 44); Ashley, nr. Kings Somborne, 17.vii.60, one beaten out of *Clematis*; Farley Mount, 25.vi.49, one at m.v.light; Chandlers Ford, 20.vii.53, one at m.v.light (BG); Farley Down, 1960, one (LWS); Crab Wood (Forbes, 1872, *Entom.* 6: 363); Sparsholt (DWHF), 18.vii.80; Winchester, 3.vii.75, 30.vii.78, now rare but regular (DHS); Droxford, 5.vii.75, one; Petersfield, 5.vii.75, one (JRL); Portchester, 14.vii.79, 10.vii.80, singletons at m.v.light (KJW); Havant Thicket, 1955 (CGMW), 17.vii.59 (BG), 1.vii.69 (EAS); Rowlands Castle, f.c. (FCS, 1969); Oxenbourne Down, 1973, three (RJD); Butser Down, 26.vii.65; Hayling Is., 15.vii.67 (EAS).

v.c.12 - St.Mary Bourne, 1954-'56, three by Sir Robert Maxwell (*Andover List*); Leckford (J.S.Lewis coll.), 11.viii.80, one (DHS); Crawley, 1973, five, and occasionally since (RAB, 1988); Chilbolton; Itchen Valley, sc.; Alresford (DWHF); Abbotstone Down, 25.vi.60 (RFB); Worthy Down, 1968, one at m.v.light (DHS); Micheldever, 29.vii.58, two (CHD); Burghclere district, 24.vi.48, 5.vii.50 & 22.vi.55 (RS), 23.vi.89, one GGE-F, 1991); East Woodhay, one in 1987 (RJH); Pamber Forest, occ. (BRB, 1970); Hawley, 17.vii.55 (Richards, 1957); Alice Holt, 1968, one at light (TGW).

1367. [*Epirrhoe tristata* (Linn.)
p.260.

Small Argent-and-Sable]

1368. *E. alternata* (Müll.)
p.260.

Common Carpet

1369. *E. rivata* (Hübner.)
p.261, add:

Wood Carpet

All records are given here:

v.c.10 - Sandown; Freshwater; Luccombe (IWG); Newport, freely (Jeffery, 1929); Freshwater, occ. (KGB); Newtown district (JL); Newtown, 4.viii.75 (CCS).

- v.c.11 - New Forest, Ringwood; Southampton district, generally c.; Romsey; Winchester, c.; Portsdown, c.; Longparish, c. (Fassnidge).
New Forest, 1928-'31, c. (Pitman, 1963, *Entomologist's Rec.J. Var.* 75: 196); Bashley, 18 & 19.vii.68, 21.vii.69 (LKE); Ashley, nr. Kings Somborne, 17.vii.60, two beaten out of *Clematis* (BG); Sparsholt (DWHF, 1970); Winchester, 1892, in plenty (Walker, 1892, *Entomologist's Rec.J.Var.* 25: 260), 5.vi.75, 15.vii.76, 31.vii.77, 6.vi.78, singletons (DHS); Bishops Waltham, 13.vii.46 (de Worms, 1947, *Entom.* 80: 11); Old Winchester Hill, 1946-'55, f.c. (ADT); Bursledon, c. (IAW); Droxford, 3.vii.58; Southsea, r.; Havant Thicket, 17.vii.58 (JRL); Hayling Is., 9.vii.68, two & 21.vii.69 (EAS).
- v.c.12 - St. Mary Bourne, not unc.; Leckford (Andover List); Leckford (J.S.Lewis coll.), one taken (IAW, 1970), 15.vii.79, one; Winnall Moors, 25.vii.87, one; South Wonston, 28.vii.79, a few (DHS); Chilbolton; Itchen Valley, sc.; Alresford (DWHF, 1970); Burghclere district, three only: 4.vii.48, 22.vi.50 & 1.vii.57 (RS); West Tisted, 20.vii.65, 26.vii.68 (EAS); Aldershot district, widespread but not c. (Richards, 1957); Whitehill, nr. Bordon, 1952, one (DW); Alice Holt, 1969, one at light (TGW).

1370. *E. galiata* (D.& S.) Galium Carpet
p.261, add:

All records are given here:

- v.c.10 - Sandown; Ventnor (IWG); Isle of Wight (Douglas, 1841, *Entom.* 1: 66); Ventnor (South, 1880, *ibid.* 13: 39); Carisbrooke Castle (Jeffery, 1929); Freshwater, c. (KGB); Tennyson Down; St. Helens (DWHF, 1970); St. Helens, the commonest geometer at light (Wakely, 1952, *Entomologist's Rec.J.Var.* 71: 279); St. Boniface Down, 31.v.63, beaten from hedges (Fearnehough, 1968, *ibid.* 76: 69).
- v.c.11 - Winchester, f.c.; Portsdown; Hayling Is., f.c. (Fassnidge).
New Forest, 1928-'31, c. at times, where bedstraw grew freely (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 196); Shawford, 29.vi.49 (BG); Browndown, 11.vi.67 (BG), also by EAS on same date, 23.vi.79, f.c. (DHS); Gosport, 1946-'55, on shingle (ADT); Cosham, 1985-'86 (MTMR); Southsea, sc. (JRL); Hayling Is., 15.vi.56, f.c. (DVA, BG), c. (EAS, 1969), 3.vi.78, c. (DHS); Sinah Common, 30.vi.87, one at m.v.light (AGG).
- v.c.12 - South of Newbury (Fassnidge).
Leckford (Andover List); Worthy Down, 1968, one at m.v.light (DHS); Itchen Valley, formerly c. in water meadows, not seen since 1960 (DWHF, 1970); Micheldever, 28.v.32, 27.viii.68 (CHD); West Tisted, 14.vii.65 (EAS).

1371. *Camptogramma bilineata* (Linn.) Yellow Shell
p.261.

1372. *Larentia clavaria* (Haw.) The Mallow
p.261, add:

All records are given here:

- v.c.10 - Sandown; Cowes; Shanklin (IWG); Freshwater, c. (MWH, 1960), 1-4.x.49 (RFB, CGMW), f.c. (KGB), 11.x.91, two (SAK-J); Godshill, one or two each year (PJC); Queens Bower, 13.x.79 (JMC).
- v.c.11 - Ringwood; Fordingbridge; Chandlers Ford, c. (Ashby), not c. (Robertson); Romsey; Portsdown, c.; Bedhampton, c.; Fareham, not c. (Fassnidge).
Bournemouth, 11.x.32, S.C.S. Brown (RWW coll.); Highcliffe (EHW); Ringwood, larvae abdt. on mallow (Fowler, 1891, *Entom.* 24: 71); New Milton, first seen in 1926 (Jones, 1927, *Trans.Hants Ent.Soc.* 3: 9); Lymington, 12.x.46 (RWW); New Forest, 1928-'31, unc., but found as larvae on mallow, and imagines kicked up (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 197); Burley, occ. (CWM-P, 1969); Emery Down, 1978, one (JEC); Minstead, 1969

(LWS); Linford, 1968, two in Rothamsted trap (Siggs, 1973, *Entomologist's Rec.J.Var.* 81: 62); Ashurst, 7 & 12.x.77 (JCAC); Bursledon, r. (IAW); Titchfield Haven L.N.R., 30.ix.87, one at m.v.light (PMP); Lee-on-Solent, 9.x.54, one at m.v.light (ADT); Browndown, f.c. (DJLA); Cosham, 1985-86 (MTMR); Southsea, 17.x.77 (JRL); Rowlands Castle, f.c. (FCS, 1969); Hayling Is., 11.ix.77 (JMW).

v.c.12 - Alton, f.c.; Andover, c.; Pamber Forest; south of Newbury (Fassnidge). Leckford; Fyfield; St.Mary Bourne, f.c. (*Andover List*); Itchen Valley, 1958, one (DWHF); Monk Sherborne, 1970 (WRLG); Burghclere district, f.c. (RS), one only, 1985, in garden (GGE-F, 1988); East Woodhay, one in 1986 (RJH); Faringdon, 7.x.65 plus 4 or 5 without data; Polehampton, 21 & 23.ix.63 (EAS); Hawley & Aldershot, c. (Richards, 1957); Whitehill, nr. Bordon, sc. (DW); Alice Holt, 6.x.63 (EAS), 1966, one at light (TGW).

1373. *Anticlea badiata* (D.& S.) Shoulder Stripe
p.261.

1374. *A. derivata* (D.& S.) The Streamer
p.261.

1375. *Mesoleuca albicillata* (Hübner) Beautiful Carpet
p.261, add:

All records given here:

Generally distributed in woods; not common (Fassnidge).

v.c.10 - Sandown (IWG); Parkhurst Forest, occurs in one very restricted locality (Jeffery, 1929); Bembridge Down, 8.ix.48, one worn specimen (RFB); Cowes, 1949 (CWP).

v.c.11 - Highcliffe & Mudeford, f.c. (Carr, 1961, *Entomologist's Rec.J. Var.* 73: 23); Ringwood, 1892, v.c. resting on fir trees (Fowler, 1893, *Entom.* 26: 127); New Forest, not c. (Farn, 1872, *ibid.* 6: 122), not unc. (Lockyer, 1873, *ibid.* 7: 139), 1928-'31, not unc. (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 196); central New Forest, pre-1940, r. (ADT); Bashley, 17, 18 & 19.vii.68 and 21.vii.69, single-tons (LKE); Burley, occ. (CWM-P, 1969); Brockenhurst, 4-7.vii.25 (RFB); Emery Down; Lyndhurst (DWHF), 10.vii.67 (EAS); Minstead, 1963 & 1966, singletons at m.v.light (LWS); Matley Bog, 10.vii.76; Sparsholt, few; Emer Bog, 30.vii.83, one at dusk (DHS); Ashley, nr. Kings Somborne (DWHF); Chandlers Ford, 1945-'54, up to three each year; 1.vii.70 (BG); Old Winchester Hill, 1946-'55, one only (ADT); Bursledon, 22.vii.69 (IAW); Rowlands Castle (DWHF, 1970).

v.c.12 - Harewood Forest, 4.vii.34 (CHD), 3.vii.75, one at light (ECLS); Fyfield; St. Mary Bourne; Netherton; not c. (*Andover List*); Leckford (J.S.Lewis coll.), 10.vii.79, one by day; Winnall Moors, 25.vii.87, one at m.v.light (DHS); Crawley, 1972, six (RAB); Itchen Valley, sc. (DWHF); Micheldever, 27.vi.33, 4.vii.43 (CHD); Abbotstone Down, 14.vii.64, 13.vii.65; West Tisted, 26 & 27.vi.64, 22.vii.69 (EAS); Burghclere district, loc. and unc. (RS), 1986, one, & '87, two at light (GGE-F); East Woodhay, singletons in 1986 & '87 (RJH); Pamber Forest, r. (BRB), 15.vi.26 (RFB); Aldershot district, c. (Richards, 1957); Whitehill, nr. Bordon, sc. (DW); Alice Holt, 1938 (CGMW), 30.vi.63, 23.vi.64 (EAS), 1967, one, 1969, five, at light (TGW).

1376. *Pelurga comitata* (Linn.) Dark Spinach
p.262, add:

v.c.10 - Shanklin, 1981, two (JMC).

v.c.11 - Ashurst, 1979, one (CC); Fareham, 3.viii.81, one at m.v.light (AGG); Browndown, 27.vii.79, two, 13.viii.79, one (DHS).

v.c.12 - Leckford, 11.viii.80, one (DHS); Micheldever, 1971, one & 1973, three (CHD); Alice Holt, few at light every year (TGW).

1377. *Lampropteryx suffumata* (D.& S.) Water Carpet
p.262, add:
v.c.11 - Matley Bog, 1.vi.87 (JC).
v.c.12 - East Woodhay, four in 1986, six in '87 (RJH); Wellington Country Park, 1986-'87 (DY).
1378. *L. otregiata* (Metc.) Metcalf's Carpet
p.262, add:
v.c.11 - Ganger Wood, Romsey, 1972, one in early June & three in September (AHD); Emer Bog, 30.vii.83, 9.vi.84 and Aug.-Sept.'86, sev. (DHS), 28.viii.88, three (RAB).
v.c.12 - Burghclere, 13, 18 & 20.viii.83, 15.vi.84 and seven in Aug.'84, annually subsequently in garden in small numbers except for 1988; two small breeding colonies known locally (GGE-F, 1991); East Woodhay, singletons in 1985 & '86 (RJH). NEW VCR.
1379. *Cosmorhoe ocellata* (Linn.) Purple Bar
p.262.
1380. *Eulithis prunata* (Linn.) Phoenix
p.263, add:

This species has certainly increased in Hampshire and the Isle of Wight since 1974; the following records are to hand:

v.c.10 - Wood S. of Yarmouth, 22.vii.74, 6.viii.75; Norton Green, 30.vii.75; Freshwater, 3.viii.75; Freshwater Marsh, 3.viii.78, two males at m.v.light (CCS); Freshwater, 1981, one; Godshill, 6.vii.77; Rowlands Wood, 2.viii.77 (PJC); Shanklin, Queens Bower (JMC).
v.c.11 - Emery Down, 19 & 26.vii.78 (JEC); Ashurst, 1978, two (JCAC); Crab Wood, 1988 (JC); Dean, nr. Winchester, 13.viii.79; Winchester, 2.viii.77, 10.vii & 13.viii.79, now regular (DHS, 1988); Chandlers Ford, 30.vi.91, one at light (BG); West Walk, Wickham, 8.viii.87, one at m.v.light (AGG); Fareham, 11.12 & 14.viii.86, singletons at m.v.light; Portchester, 21.vii.80; Forest of Bere, 1.viii.81; both singletons at m.v.light (KJW); Southsea, 13.vii.87, one at m.v.light (JRL); Oxenbourne Down, 1.ix.73, female at sugar (RJD), 3.viii.75 (JRL); Hayling Is., 2 & 7.vii.77 & 15.vii.78 (JMW).
v.c.12 - Harewood Forest, July-Aug.1975, six (ECLS); Crawley, increasing: eleven in 1979, and still taken in 1988 (RAB); Leckford, 8.viii.81, 13.viii.86, 11.vii.87, singletons (DHS); East Stratton, 24.vii, 7 & 20.viii.88, singletons (BI-J); Itchen Valley, 22.vii.74, one at m.v.light (DWHF); Micheldever, 1972, '73 & '74, singletons (CHD); Overton, 1980 & '81, singletons in Rothamsted trap (AHD); Burghclere, 1984, three, and 14 in 1985 and in 1986, 17 in '87, 9 in '88 (GGE-F); East Woodhay, two in 1987 (RJH); Old Basing, 10, 18 & 30.vii.82 (3), 12, 15 (3) & 29.vii.83 (4), at m.v.light (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 153).
1381. *E. testata* (Linn.) Chevron
p.263, add:
v.c.10 - Headon Warren; wood S. of Yarmouth (CCS, 1976).
v.c.11 - Emer Bog, seen most years; Browndown, 26.vii.79, f.c. (DHS).
1382. [*E. populata* (Linn.) Northern Spinach]
p.263.
1383. *E. mellinata* (Fabr.) Spinach
p.263, add:
v.c.10 - Alum Bay, 3.vii.84 (JMC); Godshill, f.c. (PJC).

1384. *E. pyraliata* (D.& S.) Barred Straw
p.263.
1385. *Ecliptopera silaceata* (D.& S.) Small Phoenix
p.263.
1386. *Chloroclysta siterata* (Hufn.) Red-green Carpet
p.264, add:
v.c.11 - Sparsholt, taken once; Winchester, five records (DHS); Chandlers Ford, 27.x, 10.xi, 22.xi (2), 26.xi & 1.xii.91; males at light (BG); Southsea, occ. (JRL).
v.c.12 - Leckford, 22.x.88, the first record since 1944 (DHS); Crawley, not unc.; taken every year, mostly in autumn; 21 seen in 1987, five in one night (RAB); East Stratton, 1.ix.87, 14.x.88, singletons at m.v.light (BI-J); Burghclere, first one in 1984, six in '86 & eight in '87; few each year subsequently (GGE-F, 1991); East Woodhay, one in 1987 (RJH).
1387. *C. miata* (Linn.) Autumn Green Carpet
p.264, add:

All records are given here:
v.c.10 - Bembridge (IWG); Parkhurst Forest, one at sallow, 1925 by S.Wakely, one hibernating on a dead pine, 23.xii.28, by HG Jones (Jeffery, 1929); St.Lawrence, Sept.1960, three (EHW).
v.c.11 - New Forest, occ.; Ringwood; Southampton, r.; Eastleigh, occ.; Romsey; Hursley, r.; Winchester, occ.; Fareham, sc.; Petersfield (?v.c.), c. (Fassnidge). New Forest, larvae (Ogden, 1891, *Entom.* 24: 42), 1928-'31, c., often taken late in the year (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 196), 25-26.iii.33, at sallow (de Worms, 1934, *Entom.* 66: 163); Burley, f.c. (CWM-P, 1969); Sandydown, occ. (RWW, 1970); Lyndhurst (Carrington, 1881, *Entom.* 14: 114). "There were no specimens in A. Druitt's coll. from the New Forest. In October, 1939, Fassnidge told me he hardly ever sees the species now, and knows of no recent records" (WP-C, notes).
v.c.12 - Alton, f.c.; Andover; Pamber Forest; south of Newbury (Fassnidge). Fyfield, 10.x.72, two (ECLS); Leckford, 13.x.46, 11 & 25.x.47, all at light, plus two taken between 1930 and '35 in J.S.Lewis coll.; Itchen Valley, formerly f.c., now r. (DWHF, 1970); Crawley, 28.x.82 (RAB); Micheldever, 1929, '33, '34 & '37, not seen since (CHD); Burghclere district, f.c. (RS); Aldershot, four (Richards, 1957); Whitehill, nr. Bordon, 1952 & '53, singletons (DW); Alice Holt, 1927 (Stowell, 1927, *Trans. Hants.Ent.Soc.* 3: 36).
1388. *C. citrata* (Linn.) Dark Marbled Carpet
p.264, delete:
v.c.12 - Worthy Down, 100+ at m.v., 1968 (DHS) - a misidentification.

add:
v.c.10 - Shanklin, sev.; Ventnor Botanic Gardens, 9.x.82 (JMC).
v.c.11 - Oxenbourne Down, f.c. (JRL).
v.c.12 - Martyr Worthy, 27.vii.76, one at m.v.light; Armsworth, 14.viii.75, one at m.v.light (DWHF); Burghclere, few most years at m.v.light (GGE-F, 1988); East Woodhay, few at light each year, 1985-'87 (RJH); Wellington Country Park, 1986-'87 (DY).
1389. *C. truncata* (Hufn.) Common Marbled Carpet
p.264.
1390. *Cidaria fulvata* (Forst.) Barred Yellow
p.264.

1391. *Plemyria rubiginata* (D.& S.)
p.264, add:

Blue-bordered Carpet

All records given here:

- v.c.10 - Sandown; Brading Down (IWG); St. Lawrence, by Maj. Scott (Jeffery, 1929); Freshwater, f.c. (KGB); Newtown district (JL); Bembridge, 1932 (Cooke, 1933, *Entom.* 65: 263); St. Helens, 1986 (PJC).
- v.c.11 - New Forest, Ringwood; Fordingbridge, f.c.; Southampton district, not c.; Romsey; Ampfield, one specimen; Portsdown, not c.; Havant, f.c. (Fassnidge). Bournemouth, 12 & 26.vii.35, singletons (WP-C, notes); Mudeford (Druitt, 1928, *Trans.Hants Ent.Soc.* 4: 57); Highcliffe and Mudeford, not very often seen (Carr, 1961, *Entomologist's Rec.J.Var.* 73: 23); New Forest, sev. (Ramsay & Cox, 1869, *Entom.* 3: 369), c. (Farn, 1872, *ibid.* 6: 122), 1928-'31, c. near old orchards at dusk (Pitman, 1963, *Entomologist's Rec.J. Var.* 75: 196); Minstead, occ. at light, five between 1960 & '67 (LWS); Chandlers Ford, occ., last recorded 27.vi.53 (BG); Dean, nr. Winchester, 21.vii.79, f.c.; Winchester, sc. (DHS); Fareham (DWHF, 1970); Botley Wood, 1946 & '47, larvae (CHD), 29.vi.58, c. (RFB); Bursledon, r. (IAW); Catisfield, 26.vi.70, one at m.v.light (RJD); Gosport, 1946-'55, c. (ADT); Droxford, 7.vii.73; Southsea, c. (JRL); Rowlands Castle, f.c. (FCS, 1969); Hayling Is., 6.vii.67 (EAS).
- v.c.12 - Alton, r.; Pamber Forest, occ.; Monxton, occ. (Fassnidge). Leckford (J.S.Lewis coll.); St.Mary Bourne, f.c. (*Andover List*); Crawley, occ. (RAB); Itchen Valley, 1967, one, the first since 1950; formerly f.c.; in 1970, the species was found to be established in one area (DWHF); Worthy Down, 1968, one at m.v.light (DHS); Micheldever, 7.vii.70, one at m.v.light (CHD); Burghclere district, f.c. (RS), 1985, three and 1986 & '87 nine each year, but none in '88, at light in garden (GGE-F); East Woodhay, two in 1987 (RJH); West Tisted, r.; Farringdon, 1.vii.61 (EAS); Farnborough, f.c. (DO); Whitehill, nr. Bordon, sc. (DW).

1392. *Thera firmata* (Hübner.)
p.264, add:

Pine Carpet

- v.c.10 - Godshill, few each year (PJC); Brighstone; Ventnor; Shanklin (JMC).
- v.c.11 - Crab Wood, 1988 (JC); West Walk, Wickham, 9.viii.80, one at m.v.light (AGG).
- v.c.12 - Burghclere, ten in 1984, two in '85 & one in '88 (GGE-F); East Woodhay, one in 1987 (RJH); Wellington Country Park, 1986-'87 (DY).

1393. *T. obeliscata* (Hübner.)
p.265.

Grey Pine Carpet

1394. *T. britannica* Turner
= *variata* auctt.
p.265, add:

Grey Spruce Carpet

- v.c.10 - Osborne, 22.v.83 (JMC).
- v.c.11 - Chandlers Ford, frequent at m.v.light, Oct.-Dec., 1991 (BG).
- v.c.12 - Micheldever, Aug.-Oct.1975, five (CHD).

1395. [*T. cognata* (Thunb.)
p.265.

Chestnut-coloured Carpet]

1396. *T. juniperata* (Linn.)
p.265, add:

Juniper Carpet

- v.c.11 - Winchester College, 2.xi.83 (G. Robinson in WCNHS Report); Southsea, 15.x.91, one at m.v.light (JRL). NEW VCR.
- v.c.12 - Leckford, f.c.; Stockbridge Downs, 12.ix.79, fifteen larvae, all but one parasitised (DHS), series bred, but many parasitised; Crawley, 4.xi.82, one at m.v.light (RAB).

- v.c.10 - Chale Green, 28.xi.91 (S. Colenutt, comm. SAK-J). Niton, 18.x.90 (DB. Wooldrige, comm. DJLA). NEW VCR.
 v.c.11 - St.Ives, nr. Ringwood, 24.x.88, male at m.v.light (JC); Southsea, 13.x.90, one at m.v.light was missed, but captured successfully when it returned to the light the following night (Langmaid, 1991, *Entomologist's Gaz.* 42: 242). NEW COUNTY RECORD.

This southern European species has spread northwards in recent years, and was recorded on Guernsey for the first time in October 1985 (Costen & Peet, 1986, *Entomologist's Rec.J.Var.* 98: 217-218, fig.1), and is now apparently established on the Channel Isles. The moth flies in late autumn and hibernates as an imago.

1398. *Electrophaes corylata* (Thunb.)
 p.265.

Broken-barred Carpet

1399. *Colostygia olivata* (D.& S.)
 p.265.

Beech-green Carpet

1400. *C. multistrigaria* (Haw.)
 p.266, add:

Mottled Grey

- v.c.11 - Farley Mount, 19.iv.79, sev. (JEC); Sparsholt, f.c.; Winchester, 12.iv.75, 23.iv.87, singletons at m.v.light (DHS); Pitt Down, 13.iv.73, five in flight by roadside (AHD); Wickham, 27.iv.75; Oxenbourne Down, f.c. (JRL), 14.iv.73, c. at night (RJD).
 v.c.12 - Weyhill, 27.iv.82, at m.v.light (MJ); East Stratton, 18.iv.88, one at m.v.light (BI-J).

1401. *C. pectinataria* (Knoch)
 p.266.

Green Carpet

1402. *Hydriomena furcata* (Thunb.)
 p.266.

July Highflyer

1403. *H. impluviata* (D.& S.)
 p.266, add:

May Highflyer

- v.c.11 - New Forest, still f.c. (RAB et al.); Matley Bog, 12.vi.86, a few; Emer Bog, f.c.; Hursley, 29.ix.79, two larvae (DHS); Wickham, f.c. (JRL); Titchfield Haven L.N.R., 26.v.87(2), 7.vi.87, at m.v.light (PMP).
 v.c.12 - Crawley, one or two most years in garden trap (RAB); Weyhill, 30.v.82 (MJ); Burghclere, c., 112 in 1986, though only seven in '88 (GGE-F); East Woodhay, nine at light in each of the years 1986 & '87 (RJH).

1404. *H. ruberata* (Freyer)
 p.267, add:

Ruddy Highflyer

- v.c.11 - Highcliffe (EHW); Ashurst, 1978, two (JCAC). I have seen these specimens and am satisfied they are correctly identified (BG).
 Presence in v.c.11 confirmed.

1405. *Horisme vitalbata* (D.& S.)
 p.267, add:

Small Waved Umber

All records are given:

Common everywhere among clematis (Fassnidge).

- v.c.10 - Brading; Ventnor; Sandown (IWG); St.Georges Down, occurs (Jeffery, 1929); Isle of Wight (Lighton, 1841, *Entom.* 1: 410); Sandown, 1893 (Prout, 1893,

Entomologist's Rec. J.Var. 26: 278); Bouldnor, June 1988 (PJC); Ventnor, May 1956 (DVA).

- v.c.11 - Highcliffe, 17.viii.84 (EHW); New Forest, 1928-'31, c. at dusk along hedge-rows (Pitman, 1963, *Entomologist's Rec. J.Var.* 75: 197); Burley, sc. (CWM-P); Emery Down, 1979, three (JEC); Minstead, 1965, first record (LWS); Ashurst, 8.viii.76, 16.vi & 15.viii.77 (JCAC); Sparsholt; Twyford (DWHF, 1970); Sparsholt, f.c.; Emer Bog, 30.vii.83, a few at m.v.light; Winchester, f.c. to c. all years 1975-'88 (DHS); Shawford, 18.vi.49, 9.vi.50; Chandlers Ford, 21.vii.45, 28.v.46 (BG); Southampton, r. (DJLA); Old Winchester Hill, 1946-'55, few (ADT); Droxford, 8.vi.57, 31.v.58, 11 & 13.vi.67; Southsea, few each year; Titchfield Haven, 5.v.87, one at m.v.light (PMP); Cosham, 1985-'86 (MTMR); Oxenbourne Down, 6.vii.85, few at m.v.light (JRL); Butser Down, few each year (EAS); Rowlands Castle, c. (FCS, 1969); Hayling Is. (JMW, 1977); Petersfield (?v.c.) (Robinson, 1877, *Entom.* 10: 410).
- v.c.12 - Leckford (DWHF); Fyfield; St. Mary Bourne, not unc. (*Andover List*); Stockbridge; Worthy Down, 1968, three at m.v.light (DHS); Crawley, 1972, 47 at m.v.light (RAB); Itchen Valley, c.; Alresford; Ramsdell (DWHF); Micheldever, occ. (CHD); Monk Sherborne, 1970 (WRLG); Burghclere district, f.c. (RS), few each year (GGE-F, 1988); Old Basing, 7.vi & 5.viii.83 (2) (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 153); West Tisted, few each year; Farringdon, f.c.; Polehampton, 1963, f.c.; Hook Common, 25.v.65 (EAS); Upton Grey, occ. (MWCT); near Alton (Stowell, 1924, *Trans.Hants. Ent.Soc.* 1: 22); Aldershot district, f.c. (Richards, 1957); Whitehill, nr. Bordon, sc. (DW).

1406. *H. tersata* (D.& S.)
p.267, add:

The Fern

DHS writes, "This was a regular visitor to my garden moth trap until 1983, since when I have not seen it at all in v.c.11; the last I saw was a singleton at Stockbridge (v.c.12), on 7.vii.85".

1407. *Melanthia procellata* (D.& S.)
p.267, add:

Pretty Chalk Carpet

v.c.10 - Totland, one on 14.x.86 - surely a 2nd brood (PJC).

According to DHS, this is another species that has decreased in the county during the last decade.

1408. *Paraeulype berberata* (D.& S.)
p.267, add:

Barberry Carpet

v.c.12 - Leckford, 4.viii.90, one at m.v.light (DHS); Crawley, 30.iv.84, one at m.v.light in garden (RAB).

1409. *Rheumaptera hastata* (Linn.)
p.268, add:

Argent-and-Sable

v.c.11 - Botley Wood, 2.vi.79, one (DHS), f.c. (AGG, KJW, 1987).

v.c.12 - Harewood Forest, 27.v.78, three & 5.vi.79, five (DHS), f.c. in 1979 & '80 (RAB); Itchen Valley, 29.v.76, one by day (DWHF).

1410. *R. cervinalis* (Scop.)
p.268, add:

Scarce Tissue

v.c.12 - Burghclere, singletons, 20 & 23.v.85, only ones recorded in 8 years (GGE-F, 1991).

1411. *R. undulata* (Linn.)
p.268, add:

Scalloped Shell

All records are given here:

- v.c.10 - Sandown, one: Bembridge (IWG); Staplers, one; Parkhurst Forest, one (Jeffery, 1929); Parkhurst Forest, Aug.1934, larvae (Wakely, 1935, *Entom.* 68: 178; Alverstone (Wakely, 1937, *ibid.* 70: 224); wood S. of Yarmouth, 28.vii.74 (CCS); Newtown district (JL); Godshill, occ. (PJC); Scotchells Bridge, 3.vii.82 (JMC); Bouldnor, 17.vi.88 (PW).
- v.c.11 - New Forest, f.c.; Ringwood; Woodfidley, f.c.; Christchurch; Southampton, f.c.; Eastleigh, not c.; Winchester, not c.; Westbourne, Sheepwash, sc.; Havant (Fassnidge).
Highcliffe, one in B.C.Barton coll. (Carr, 1961, *Entomologist's Rec.J.Var.* 73: 23); New Milton, three at m.v.light (MDN); Ringwood, 1892, few (Fowler, 1893, *Entom.* 26: 27); Ashley Heath, 1960 & '62; Hale, 1961 (G.F.Dollimore); Bashley, 14.vii.68, two at m.v.light (LKE); New Forest (Ramsay & Cox, 1869, *Entom.* 4: 369), 1928-'31, usually taken when beating sallows (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 196), 1954 (CGMW); Burley, f.c. (CWM-P, 1969); Sway, 1968, one (ADT); Brockenhurst, 3-7.vii.30 (RFB), 27.vii.65 (JRL); Cadnam, 1928, larvae (Fassnidge, 1928, *Trans.Hants. Ent.Soc.* 4: 55); Minstead, f.c.; Linford, 1968, two (LWS); Emery Down, 2.viii.70, one at m.v.light (DJLA, BG); Lyndhurst, 20.vii.68 (EAS); Romsey (Buckell, 1882, *Entom.* 15: 116); Ampfield (DWHF, 1970); Crab Wood, 16.vii.88, at light (DY); Sparsholt, 8.vii.84, two at m.v.light; Emer Bog, 4.vii.79, one; Winchester, 9.vii.76, 20.vii.78, 3.viii.79, singletons at m.v.light in garden (DHS); Chandlers Ford, one in garden, pre-1939 (BG), one only (R.A.Jackson); Southampton, r.; Bursledon, r. (IAW); Titchfield Haven, 6.vii.87, one at m.v.light (PMP); Havant Thicket, 5.vii.70, two (EAS), 21.ix.84, seven larvae in sallow spinings, moths bred (DHS); Rowlands Castle, July, 1969, one (FCS); Petersfield (?v.c.) (Robinson, 1877, *Entom.* 10: 303).
- v.c.12 - Pamber Forest, one specimen; south of Newbury (Fassnidge).
Leckford, 10.vii.79, 9.vii.86, singletons by day (DHS); Crawley, occ. (RAB, 1988); Abbotstone Down, 14.vii.64 (EAS); Burghclere district, loc. among sallows (RS), 1985, five & 1986, '87 & '88, one each year (GGE-F); Wellington Country Park, 2.viii.86, two at m.v.light (DY); East Woodhay, up to three each year, 1985-'87 (RJH); Pamber Forest, occ. (BRB, 1970); Aldershot district, v.c. (Richards, 1957); Farnborough, 1969, thirteen at Rothamsted trap, 1970, six (GB), 1970, one (DO); Whitehill, nr. Bordon, sc. (DW); Alice Holt, 10.viii.63, 23.vi.64 (EAS), few at light most years (TGW).

1412. *Triphosa dubitata* (Linn.)
p.268, add:

Tissue

All records given here:

- v.c.10 - Sandown, one; Culver, one (IWG); Carisbrooke, one (Jeffery, 1929); Freshwater, 1948, one (KGB).
- v.c.11 - New Forest, c.; Eastleigh, occ.; Chandlers Ford; Hursley, Farley, c.; Romsey; Winchester, c.; Portsdown; Finchdean, c. (Fassnidge).
New Forest, 1901, larvae (Reid, 1901, *Entomologist's Rec.J. Var.* 13: 132), 1928-'31, c. (Pitman, 1963, *ibid.* 75: 196); Burley, occ. (CWM-P); Sparsholt (DWHF, 1970); Chandlers Ford, 8.v.46, one at light; Hockley Downs, 23.viii.54, one at *Calluna* flowers (BG); Rowlands Castle, 27.iv.53 (FCS).
- v.c.12 - Leckford, 22 & 24.vii.44, at privet blossom, 11.viii.44, 22 & 24.vii.45, 29.iv, 22.vii & 17.viii.46, all at light (J.S.Lewis coll.); Chilbolton, 13.v.71, one (JRL); St. Mary Bourne, occ. (*Andover List*); Weeke, 10.x.74 (RAB); Itchen Valley, formerly f.c., now r.; Alresford (DWHF, 1970); Micheldever, recorded in 1929, '30, '31, '33, '52, '58, '62, '64, three, '65 & '66, two & 21.ix.75 (CHD); Monk Sherborne (WRLG, 1968); Overton, 10.ix.79, one in a Rothamsted trap (AHD); Hannington, 17.viii.41 (AME); Burghclere district, f.c. (RS); West Tisted, r., 3.viii.70 was first for some years; Farringdon, r. (EAS); Alton (Reid, 1893, *Entom.* 26: 160); Aldershot district, widespread, not c. (Richards, 1957); Farnborough, 1969, one in a Rothamsted trap (GB); Whitehill, nr. Bordon, 1951 & '54, singletons (DW); Alice Holt, 25.iv - 20.v.64, three (EAS).

1413. *Philereme vetulata* (D.& S.) Brown Scallop
p.269, add:
v.c.10 - Hampstead, 29.vii.85, one by day (SAK-J). This is the first confirmed record for the Isle of Wight.
v.c.11 - Brockenhurst, 27.vii.65 (JRL); Crab Wood, 1988 (JC), 16.vii.88, at light (DY); Sparsholt, 8.vii.84, 8.vii.85, few at m.v.light; Winchester, f.c. (DHS); Droxford, f.c.; Southsea, 14.vii.71 (JRL).
v.c.12 - All records are included:
Alton, Ovington, f.c.; Andover, f.c.; south of Newbury (Fassnidge). Bransbury Common; St.Mary Bourne, etc., rather c. (*Andover List*); Leckford; Chilbolton; Itchen Valley, c. amongst the foodplant; Micheldever; Alresford; Hook (DWHF, 1970); Crawley, a good colony in the garden and surrounding fields (RAB); Micheldever, f.c. (CHD); Abbotstone Down, 25.vi.60; Alresford Pond, 12.vii.58 (RFB); Worthy Down, 1968, over twenty at m.v.light; South Wonston, 31.vii.77, four by day in an old railway cutting (DHS); Burghclere district, f.c. (RS), singletons, 22 & 23.vii.84, 19.vii.86, 8.vii.89 (GGE-F, 1991); Axmansworth, 1987 (DY); East Woodhay, one in 1986 (RJH); Oakley, July 1984, three at m.v.light (AHD); West Tisted, few each year; Farringdon, larvae f.c.; Polehampton, 8-29.vii.63, thirty-two; Alice Holt, 21.vii.63, two (EAS).
1414. *P. transversata* (Hufn.) Dark Umber
p.269, add:
All records are included:
v.c.10 - unrecorded.
v.c.11 - Eastleigh, f.c.; Hursley, Chandlers Ford, r.; Winchester, c.; Portsdown, abdt.; Finchdean, c. (Fassnidge).
Ashley, nr. Kings Somborne, 4.viii.47 (BG); Sparsholt (DWHF, 1970), 31.vii.82, a few at m.v.light (DHS); Winchester, 1892, larvae c. (Fisher, 1892, *Entomologist's Rec.J.Var.* 25: 133), occ., 1975-'86; Dean, nr. Winchester, 21.vii.79, a few (DHS); Butser Down, few each year (EAS); Rowlands Castle, f.c.some years (FCS, 1969).
v.c.12 - Alton, c.; Andover, f.c. (Fassnidge).
Fyfield; St.Mary Bourne, not unc. since 1960 (*Andover List*); Stockbridge, 1940, bred (CGMW); Leckford; Itchen Valley, f.c. amongst foodplant; Alresford; Itchen Stoke (DWHF, 1970); Crawley, present in garden moth trap every year (RAB); Alresford Pond, 25.vii.59 (RFB); Worthy Down, 1968, eight at m.v.light (DHS); Micheldever, occ. (CHD); Old Basing, 10 & 11.vii.82, singletons at m.v.light (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 153); Monk Sherborne (WRLG); Abbotstone Down, f.c.; West Tisted, few each year; Farringdon, larvae f.c.; Polehampton, 8.vii - 7.viii.63, twenty-two (EAS); Burghclere district, taken once, in 1947 (RS); Runfold, c. (Richards, 1957).
1415. *Euphyia biangulata* (Haw.) Cloaked Carpet
p.269, add:
v.c.10 - Queens Bower, Shanklin, 20.vii.72, 17.vii & 6.viii.83, 31.vii.86, singletons (NH). These are the first records for the Island since 1929 (BG).
v.c.11 - Highcliffe, 17.vii.84 (EHW); Emery Down, 17.vii.78 (JEC).
1416. *E. unangulata* (Haw.) Sharp-angled Carpet
p.269, add:
All records are included:
v.c.10 - Sandown, loc.c. (IWG); St.Georges Down (Jeffery, 1929); Shanklin, July 1963, at m.v.light (Fearnehough, 1964, *Entomologist's Rec.J. Var.* 76: 70), c. (JMC).

- v.c.11 - New Forest, Lyndhurst, not c.; Ringwood; Bournemouth, not c.; Christchurch; Chandlers Ford, not c.; Romsey; Silkstead; Purbrook, sc. (Fassnidge). Bournemouth (Robertson, 1899, *Entomologist's Rec.J.Var.* 11: 301); New Forest & Boscombe district, 1903, in fair numbers, not previously seen for years (Robertson, 1904, *ibid.* 16: 23); Burley, sc., formerly c. (CWM-P, 1969); Minstead, f.c. (LWS); Emery Down, 1978 - '79, four (JEC); Linford, 30.vi.64, two; Lyndhurst, 24.v.68 (EAS); Emer Bog, 4.vii.79, one, 30.vii.83, sev. at m.v.light; Winchester, v.occ. (DHS); Chandlers Ford, 24.vii.54, 31.vii.70, 29.vii.91, singletons at m.v.light (BG); Catisfield, 22.vii.66, female flushed from hedge by day (RJD); Wickham, 25.vii.64, 19.vii.75; Southsea, 26.vii.84 one at m.v.light (JRL); Browdown, few each year; Havant Thicket, 1955 (CGMW); Hayling Is., 4.vii.66, three & 21.vii.69, two (EAS, 1970).
- v.c.12 - Alton, not c.; north of Basingstoke, Tadley, Silchester, Pamber, etc.; south of Newbury (Fassnidge). Itchen Valley, 1948, one & 1965, one; Ramsdell (DWHF, 1970); Micheldever, 8.vii.36, two (CHD); Monk Sherborne (WRLG, 1968); Burghclere, c. (RS), still f.c., between 8 and 31 per year, 1984-'91 (GGE-F); Wellington Country Park, 1986-'87, one only; Axmansworth, 1987 (DY); East Woodhay, f.c. (RJH); Pamber Forest, f.c. (BRB, 1970); Abbotstone Down, 10.vii.64; West Tisted, 15.vii.64; Farringdon, 4.vii.64; Polehampton, 3.vii.63; Lasham, 24.vii.44, female; Ellisfield, 20.vi.44, male (JMC-H); Hannington, 29.vii.41 (AME); Upton Grey, 29.vii.70 (MWCT); Aldershot district, c. (Richards, 1957); Whitehill, nr. Bordon, c. (DW); Liphook, 1963 (CGMW); Alice Holt, f.c. at light (TGW, 1971).
1417. *Epirrita dilutata* (D.& S.) November Moth
p.269, add:
v.c.12 - Bramley Frith Wood, 1987, larvae and imagines f.c.; Bartley Heath Reserve, 1987, larvae c., moths bred (AHD).
1418. *E. christyi* (Allen) Pale November Moth
p.270, add:
v.c.10 - Godshill, 13.x.76 (PJC). NEW VCR.
v.c.11 - Highcliffe (EHW); Emery Down, 1978, nineteen & 1979, nine (JEC); Ganger Wood, Romsey, 1973 - '79, sc., genitalia det. (AHD).
v.c.12 - Leckford, 8.x.86, one genit.det. (DHS); Overton, 1980, two at Rothamsted trap, genitalia det.; Bramley Frith Wood, 1988, c. at m.v.light; Bartley Heath Reserve, Hook, 1987, larvae occ., moths bred (AHD).
1419. *E. autumnata* (Borkh.) Autumnal Moth
p.270, add:
v.c.11 - Winchester, 16.xi.87, one genit.det. (DHS); Titchfield Haven, 13.x.86, genitalia checked (PMP).
v.c.12 - Leckford, 12.x.85, one genit.det. (DHS).
1420. *Operophtera brumata* (Linn.) Winter Moth
p.271.
1421. *O. fagata* (Scharf.) Northern Winter Moth
p.271, add:
v.c.11 - Emery Down (JEC); Ganger Wood, Romsey (AHD).
v.c.12 - Burghclere, still c. (GGE-F, 1988); East Woodhay, singletons at light in 1986 & '87 (RJH).
1422. [*Perizoma taeniatum* (Steph.) Barred Carpet]
p.271.
1423. *P. affinitatum* (Steph.) Rivulet
p.271, add:
v.c.11 - Highcliffe (EHW).

- v.c.12 - Hawkins Wood, 2.vi.82, c. (MJ); Burghclere, up to four each year (GGE-F, 1988); East Woodhay, few at light (RJH).
1424. *P. alchemillata* (Linn.) Small Rivulet
p.271, add:
v.c.10 - Wood S. of Yarmouth, 31.vii.75 (CCS); Landslip, Sept.1980, few (EHW).
1425. *P. bifaciata* (Haw.) Barred Rivulet
p.272, add:
v.c.11 - Highcliffe, 19.viii.85 (EHW); Emery Down, 1979, one (JEC); Sparsholt, 31.vii.82, a few at m.v.light; Teg Down, Winchester, 10.vii.79; Winchester, a few most years, 1975-'88 (DHS); Cosham, 1985-'86 (MTMR); Droxford, f.c.; Southsea, c. (JRL).
v.c.12 - Leckford, 19.viii.78, three at m.v.light; Winnall Moors Nature Reserve, 25.vii.88, one at m.v.light (DHS); Crawley, sc. at m.v.light (RAB); East Stratton, 24.vii & 6.ix.88, singles at m.v.light (BI-J); Micheldever, 16.vii.69 & 27.vii.74 (CHD).
1426. [*P. blandiata* (D.& S.) Pretty Pinion]
p.272.
1427. *P. albulata* (D.& S.) Grass Rivulet
p.262, add:
v.c.10 - Freshwater, occ. (SAK-J, 1988).
v.c.11 - Pitt Down, July 1984, f.c. (AHD); Winchester, singletons at m.v.light in garden most years, 1976-'87; Portsdown Hill, 23.v.87, a few (DHS).
v.c.12 - Fyfield, June 1973 (ECLS); Crawley, 7.vi.82, and annually since (RAB, 1988); Micheldever, 1973, three (CHD); Burghclere, six in 1986, two in '87, one in '88, three in 1989, one in 1990 (GGE-F, 1991); Oakley, 26.vi.84, one at m.v.light; Bartley Heath Reserve, 1987, two, probably vagrants from elsewhere (AHD).
1428. *P. flavofasciata* (Thunb.) Sandy Carpet
p.272, add:
v.c.10 - Bouldnor & Calbourne, June 1988, during NCC Survey (PW).

DHS writes, "I do not find this species at all common; my only records are, v.c.11 - Sparsholt, 1.vii.76 and Winchester, singletons at m.v.light in the garden 22.vi.76, 9.vii.77, 7.vi.82 & 11.vi.84 and v.c.12 - Leckford, 20.vii.86 and South Wonston, 28.vii.79".
1429. *P. didymata* (Linn.) Twin-spot Carpet
p.273, add:
v.c.11 - Highcliffe (EHW); Matley, 10.vii.76, one; Crab Wood, 17.vii.75, c., but only for a short distance along one footpath where, on 10.vii.79, over 100 were counted; this path is now used for riding, and the species has not been seen since (DHS).
v.c.12 - Burghclere, 1986, one at light in garden; not previously recorded (GGE-F, 1988).
1430. *Eupithecia tenuiata* (Hübner.) Slender Pug
p.273, add:
v.c.10 - Newtown, 4.viii.75, four at m.v.light (CCS); Alverstoke, April 1976, small numbers of larvae in willow catkins (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150); Five Houses, 23.vii.82 (JMC).
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Brockenhurst, April, 1979, larvae: not seen since (AJP, 1988); Emery Down, few at light (JEC); Denny Bog, 10.vii.76, a few; Matley Bog, 1979, larvae in willow catkins; Sparsholt, 1979, two larvae; Emer Bog, 4.vii.79, few at light; Winchester, 24.vi.76, 29.vii.78, 24.vii.79, singletons at m.v.light (DHS); Chandlers Ford, 4.vii.91, female at light, genit.

- checked (BG); Pitt Down, 12.vii.73 (AHD); Titchfield Haven L.N.R., 20.vii.87, one at m.v.light (PMP); Browndown, f.c.; Wickham, f.c. (JRL); Southwick, 21.iv.87, larvae f.c. in sallow catkins (AGG).
- v.c.12 - Leckford, 1979, larvae and moths (DHS); Bartley Heath Reserve, Hook, 1987, larvae in *Salix* catkins (AHD).
1431. *E. inturbata* (Hübner) Maple Pug
p.273, add:
v.c.11 - Emery Down, 11.viii.79, one at m.v.light (JEC); Winchester, 12.viii.76, 11.viii.80, singletons at m.v.light (DHS).
v.c.12 - Chineham, annually since 1973 as larvae (ECLS); Burghclere, 4.viii.87, three at m.v.light, identity conf. BRB; subsequently in small numbers each year (GGE-F, 1991); Overton, 1980 & '81, three each year (AHD).
1432. *E. haworthiata* Doubl. Haworth's Pug
p.274, add:
v.c.11 - Emery Down, 1978, five (JEC); Parkhill Inc., 29.vii.78, six at m.v.light; Winchester, c. both as larva and moth (DHS); Cosham, 1985-'86 (MTMR); Hayling Is., 21.vi.77 (JMW).
1433. *E. plumbeolata* (Haw.) Lead-coloured Pug
p.274, add:
v.c.11 - Hambledon, 5.vii.58 (JRL).
v.c.12 - East Stratton, 6.vii.87, one at m.v.light (BI-J); Burghclere, 12.vi.89, 26.vii.91 (GGE-F); Pamber Forest, 11.vii.80, c. (BG).
1434. *E. abietaria* (Goeze) Cloaked Pug
p.274, add:
v.c.10 - Shanklin, 29.vii.83 (JMC). NEW VCR.
v.c.11 - Winchester, 19.vi.80, one at m.v.light (Sterling, 1981, *Entomologist's Rec.J.Var.* 93: 29).
v.c.12 - Crawley, 27.vi.86, one at m.v.light (RAB); Burghclere, 29.v.89, one at m.v.light (GGE-F).
1435. *E. linariata* (D. & S.) Toadflax Pug
p.274, add:
v.c.10 - Godshill, 15.vii.79 (PJC).
v.c.11 - Titchfield Haven, 28.vi.87, one at m.v.light (PMP); Cosham, 1985-'86 (MTMR).
1436. *E. pulchellata* (Steph.) Foxglove Pug
p.278, add:
v.c.10 - Shanklin, only one moth at light during 1976, and searches for larvae in various localities proved fruitless (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150).
v.c.11 - Chandlers Ford, 1991, f.c. at m.v.light (BG); Titchfield Haven, 26.v.87, 30.vi.87, singletons at m.v.light (PMP); Cosham, 1985-'86 (MTMR).
1437. *E. irriguata* (Hübner) Marbled Pug
p.274, add:
v.c.11 - St.Ives, nr. Ringwood, 7.v.88 (JC); Hollands Wood, 20.iv.76, 24 at m.v.light (DWHF, BG); Parkhill Inc., 1979, c.; New Copse Inc., 14.v.79, at m.v.light (JEC); Whitley Wood, 4.v.73, male at m.v.light (RJD). This species seems to have gone from Crab Wood (see Goater, 1974), where it has been sought for without success between 1975 and 1981 by DHS.
v.c.12 - East Stratton, 27.iv.86, one at m.v.light (BI-J); Martyr Worthy, 9.v.76, one at m.v.light (DWHF); Burghclere, few in garden every year, but 51 in 1987; Hobbs Copse, Ecchinswell, May, 1970, one (GGE-F, 1991); East Woodhay, five in 1987, not previously recorded (RJH).

1438. *E. exiguata* (Hübner.) Mottled Pug
p.275, add:
v.c.10 - Godshill, occ. (PJC).
v.c.11 - Sparsholt, f.c.; Emer Bog, 9.vi.84, one; Winchester, c.; Botley Wood, c. (DHS); Upham, 1975, f.c. (DWHF); Titchfield Haven L.N.R., 1987, c. (PMP); Cosham, 1985-'86 (MTMR).
v.c.12 - Weyhill, 1982, sev. (MJ); Leckford, a few at m.v.light most years (DHS); East Stratton, 19.vii.88, one at m.v.light (BI-J); Overton, c.; Pamber Forest; Oakley (AHD); Burghclere, 16 in 1986, otherwise sc. (GGE-F, 1988).
1439. *E. insigniata* (Hübner.) Pinion-spotted Pug
p.275, add:

All records are given:

v.c.11 - Winchester, 30.v.75; singletons recorded most years (DHS).
v.c.12 - Over Wallop, 14.v.74 (ECLS); St. Mary Bourne, 1964, one by Sir Robert Maxwell (*Andover List*); Weyhill, 13, 15, 17 & 25.v.82, singletons (MJ); Leckford, one in J.S.Lewis coll, taken between 1945 & '50; 3.vi.69, one (DJLA), 4.vi.69, one (IAW); 11.v.71, two (DWHF); Crawley, 1975, one, subsequently about eight each year, 15 in 1978, but less common since (RAB, 1988); East Stratton, 20.v.71, one at m.v.light (BI-J); Martyr Worthy, taken annually in small numbers in the garden, first in 1960 (DWHF); Micheldever, 9.v.36, 14.v.52, 6.v.58, 16.v.63, three & 17.v.64 (CHD); Alresford, 29.iv.1873 (Anderson, 1874, Entom.7: 164); Overton, 18.iv.80 (AHD).
1440. *E. valerianata* (Hübner.) Valerian Pug
p.275, add:
v.c.11 - Sparsholt, July-Aug.1979, many larvae, but highly parasitised (DHS), 21.vii.85, larvae c. in West Wood (AJP).
1441. *E. venosata* (Fabr.) Netted Pug
p.276, add:
v.c.10 - Apparently sc. on the Island, but larvae c. at Merston, 18.vi.76, in an isolated clump of bladder campion (Fearnough, 1977, *Entomologist's Rec.J.Var.* 89: 150).
v.c.11 - Portchester, 17.vi.84, one at m.v.light (KJW); Cosham, 1985-'86 (MTMR).
v.c.12 - Burghclere, one in 1985, only record (GGE-F, 1988); East Woodhay, one in 1987 (RJH).
1442. *E. centaureata* (D.& S.) Lime-speck Pug
p.276.
1443. *E. trisignaria* H.-S. Triple-spotted Pug
p.276, add:
v.c.11 - Sparsholt, 15.ix.79, one larva on *Heracleum sphondylium* (DHS), two larvae in 1979 (RAB), 11.vii.81, two at m.v.light (JRL).
v.c.12 - East Woodhay, one in 1987 (RJH).
1444. *E. intricata arceuthata* (Freyer) Freyer's Pug
p.276, add:
v.c.10 - Freshwater, 24.vi.88, one at m.v.light (SAK-J); Shanklin, few each year at light (Fearnough, 1977, *Entomologist's Rec.J. Var.* 89: 150).
v.c.11 - Highcliffe (EHW); Emery Down, c. (JEC); Ashurst, c. (JCAC); Sparsholt College, a few each year (AHD); Emer Bog, 22.vi.85, one at m.v.light; Winchester, c.; West Walk, Wickham, a few (DHS); Cosham, 1985-'86 (MTMR).
v.c.12 - Fyfield, 24.vi.74, 26.vi.75 (ECLS); East Stratton, 19.vi.88, one at m.v.light (BI-J); Micheldever, 18.vi.74, det.DWHF (CHD); East Woodhay, two in 1986 (RJH); Oakley, f.c.; Overton, 1980, nine in a Rothamsted trap (AHD).

1445. *E. satyrata* (Hübner.) Satyr Pug
p.277, add:
v.c.11 - Denny Wood, 11.viii.79 (DHS); Holmhill, 2.vii.80 (DHS); Minstead, 31.v.74, det.D.S.Fletcher (LWS); Sparsholt, 23.v.76, 5.vii.80, 4.vi.82, 8.vii.84; Teg Down, Winchester, 1980, many larvae found on low downland plants, but only six moths emerged; Winchester, 9.vi.76, 11.vi.84, 3.vi.88 (DHS); Pitt Down, 1973-'78, small colony (AHD); Wickham, 23.vi.62, 19.vi.71; Droxford, 13.vi.67, 25.vi.72 (JRL).
v.c.12 - Leckford, 14.vii.78, 7.vi.80, 25.vi.88, singletons (DHS); Micheldever, 1971, one (DWHF); Oakley, 31.v.84, one at m.v.light; Overton, 1980, seven & 1981, six in a Rothamsted trap; Bartley Heath Reserve, Hook, 1987 (AHD).
1446. *E. absinthiata* (Clerck) Wormwood Pug
p.277.
1447. *E. goossensiata* (Mab.) Ling Pug
p.277, add:
v.c.10 - Headon Warren, quite c.: recorded on 29.vii.74 and 28.vii & 7.viii.75 (CCS). NEW VCR.
v.c.11 - Highcliffe (EHW); White Moor, 28.viii.84, sev. larvae; Denny Bog, July 1975-'77, few by day (DHS).
1448. *E. assimidata* Doubl. Currant Pug
p.277, add:
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Emery Down, 1979, one (JEC); Woodley, 1978-'78, sc. (AHD); Winchester, few each year (DHS); Droxford, f.c.; South-sea, f.c. (JRL); Cosham, 1985-'86 (MTMR).
v.c.12 - Crawley, occurs in garden most years (RAB); Burghclere, 1984, sixteen, '85, one, '86, three & '87, five (GGE-F); East Woodhay, two in 1987 (RJH); Overton, 1980 & '81, two each year (AHD).
1449. *E. expallidata* Doubl. Bleached Pug
p.278, add:
v.c.10 - Brook Down, 23.viii.73 (CCS); Shanklin, 8.viii.76, one at light (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150). NEW VCR.
v.c.11 - Emery Down, 11.viii.79, conf. D.S.Fletcher (JEC); Ampfield Wood, 25.x.77, two larvae on *Solidago* (DHS); Wickham & Havant Thicket, larvae v.c. on *Solidago* (JRL).
v.c.12 - Burghclere, 27.viii.90 (GGE-F).
1450. *E. vulgata* (Haw.) Common Pug
p.278.
1451. *E. tripunctaria* H.-S. White-spotted Pug
p.278, add:
v.c.11 - Chandlers Ford, 3.viii.91, one at light (BG); Cosham, 1985-'86 (MTMR).
v.c.12 - East Stratton, 13.viii.88 (BI-J).
1452. *E. denotata* (Hübner.) Campanula Pug
p.278, CORRECTION:
line 5, for 25.viii.65, read 25.viii.66.

add:
v.c.10 - Lorden Copse, 1909, larvae (Prout, 1909, *Entomologist's Rec. J.Var.* 21: 248).
v.c.11 - Sparsholt, larvae still quite common when last looked for in 1981 (DHS).
1453. *E. subfuscata* (Haw.) Grey Pug
p.279.

1454. *E. icterata* (Vill.) Tawny-speckled Pug
subsp. *subfulvata* (Haw.)
p.279.
1455. *E. succenturiata* (Linn.) Bordered Pug
p.279.
1456. *E. subumbrata* (D.& S.) Shaded Pug
p.279, add:
v.c.11 - Highcliffe (EHW); Sparsholt, 8.vii.84, one at m.v.light; Teg Down, Winchester, 1.vii.79, c.; Winchester, a few most years at m.v.light in garden (DHS); Cosham, 1985-'86 (MTMR); Southsea, f.c. (JRL).
v.c.12 - Leckford, 15.vi.86, one (DHS); Burghclere, 6.vii.90 (GGE-F); Bartley Heath Reserve, Hook, 1987, sc. (AHD).
1457. *E. millefoliata* (Röss.) Yarrow Pug
p.279, add:
v.c.11 - Eling, 21.ix.79, one larva; Browndown, 27.vii.79, one; Southsea, 5.viii.79, one, 27.ix.79, larvae f.c.; Hayling Is., 22.ix.79, two larvae (DHS), 20.vi - 10.vii.77, 15 at m.v. light (JMW); Cosham, 1985-'86 (MTMR).
1458. *E. simpliciatata* (Haw.) Plain Pug
p.280, delete:
v.c.11 - Minstead, one at m.v., 1963 (Siggs, 1964, *Entomologist's Rec.J.Var.* 76: 25): misidentification (LWS).

add:
v.c.10 - St.Helens, 5.ix.76, larvae numerous (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 151).
v.c.11 - Ashurst, 1978, two (JCAC); Woodley, 21.vii.75 (AHD); Eling, 21.ix.79, larvae c.; Hayling Is., Sept.1979, larvae c. (DHS); Cosham, 1985-'86 (MTMR).
v.c.12 - Leckford, 4.viii.79, one (DHS); Crawley, v.occ. (RAB); Burghclere, one in July 1983, 21.vii.91, only records (GGE-F).
1459. *E. distinctaria* H.-S. Thyme Pug
p.280, add:
v.c.12 - East Stratton, 21.vi.88, one at m.v.light (BI-J).
1460. *E. indigata* (Hübner.) Ochreous Pug
p.280, add:
v.c.11 - Emery Down, 1978 & '79, singletons; Beaulieu Road, 27.v.78 (JEC); Emer Bog, 9.vi.84, one; Winchester, occ. at m.v.light in garden (DHS); Southsea, 24.v.87, one at m.v.light (JRL).
v.c.12 - Leckford, 26.v.75, one at m.v.light, det.DWHF (WRLG); Burghclere, 25.v.85, 25.v & 20.vi.87, 29.v.91, singletons at light (GGE-F); East Woodhay, one in 1987 (RJH).
1461. *E. pimpinellata* (Hübner.) Pimpinell Pug
p.280, add:
v.c.11 - Teg Down, Winchester, larvae numerous; Winchester, 8.ix.78, 3.viii.80, 25.vii.81, a few at m.v.light (DHS); Droxford, larvae loc.f.c.; Portsdown, larvae sc. (JRL).
v.c.12 - Leckford, 25.ix.79, twenty larvae on *Pimpinella saxifraga*, 19 of them on plants growing in long grass, and only one of them on open downland (DHS), larvae still f.c. in 1987 (RAB).
1462. *E. nanata* (Hübner.) Narrow-winged Pug
p.281, add:
v.c.10 - Headon Warren, c. (CCS); Godshill, 22.vii.78, a pair, and 5.vi.86, three (PJC).
v.c.11 - Titchfield Haven, 24.vi.87, one at m.v.light (PMP); Fareham, 25.v.86, one at light, only record (KJW).

1463. *E. fraxinata* Crewe Ash Pug
p.281, add:
v.c.10 - Shanklin, June 1976, one beaten from a hedge (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150); Alum Bay; St. Lawrence; Shanklin (JMC). Presence in v.c.10 now confirmed.
v.c.11 - Highcliffe, 3.vii.85 (EHW); Ashurst, 1978, one (JCAC); Winchester, 23.vi.76 (DHS); Droxford, f.c.; Southsea, few each year (JRL).
v.c.12 - Crawley, 1988, one in garden moth trap (RAB); East Stratton, 18.vi.88, one at m.v.light (BI-J); Overton, 1980, four, & 1981, two in a Rothamsted trap (AHD).
1464. *E. virgaureata* Doubl. Golden-rod Pug
p.281.
1465. *E. abbreviata* Steph. Brindled Pug
p.281.
1466. *E. dodoneata* Guen. Oak-tree Pug
p.281, add:
v.c.10 - America Woods (PJC); Shanklin (JMC).
v.c.11 - Highcliffe (EHW); Emery Down, 1979, five; Denny Wood, 16.vi.79 (JEC); Ashurst, 21.iv - 27.v.77, twelve, conf.AHD (JCAC); Woodley, 3.vi.78, one at m.v.light (AHD); Sparsholt, few; Dean, nr. Winchester, 24.v.79, few; Winchester, few each year; Hayling Is., 9.vi.79, few (DHS); Cosham, 1985-'86 (MTMR).
v.c.12 - Weyhill, 20.v.82 (MJ); Leckford, 5.v.80, two at actinic light (DHS); Crawley, f.c. every year at m.v.light in garden (RAB, 1988); Burghclere, few most years at light in garden, but not in 1987, '88 or '89 (GGE-F, 1991); Overton, 1970, seven in a Rothamsted trap (AHD).
1467. *E. pusillata* (D.& S.) Juniper Pug
p.282, add:
v.c.10 - Shanklin, 1976, one (Fearnehough, 1977, *Entomologist's Rec.J. Var.* 89: 150).
v.c.11 - Emery Down, 1979, two (JEC); Ganger Wood, Romsey, 30.vi.75, one (AHD); Winchester, occ. until 1979, not since (DHS, 1989).
v.c.12 - Leckford & Stockbridge Down, larvae c. (DHS); Chilbolton, 18.vii.78 (JEC); Burghclere, 1985, two at light: not recorded before or since (GGE-F, 1988); East Woodhay, one in 1986 (RJH); Overton, 1981, one; Oakley, 1981, one (AHD).
1468. *E. phoeniceata* (Rambur) Black-streaked Pug
p.282, add:
v.c.10 - Freshwater, 2.viii.78, one on a *Cupressus* trunk; Brook Down, 23 & 28.viii.73, at m.v.light; Norton Green, 26.vii & 6.viii.75, at light (CCS); Freshwater, f.c. (SAK-J, 1988); St. Lawrence, Sept.1986, v.c.; Landslip, one (EHW); Godshell, 19.viii.78 (PJC); Shanklin, 17-30.viii.76, four (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150).
v.c.11 - Highcliffe (EHW); Gritnam Wood, 18.viii.77 (LWS); Emery Down, 1978, one & 1979, nine (JEC); Ashurst, 18.viii.76 & another in 1978 (JCAC); Sparsholt College, 14.ix.91, one in Rothamsted trap (AHD); Winchester, 6.vii.77, one at m.v.light (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315), also 16.ix.80, 24.viii.83, 2.ix.91; Sparsholt, 11.ix.82, one at m.v.light (DHS); Titchfield Haven, 1 & 4.x.86, 20.viii and 3 & 7.ix.87, singletons at m.v.light (PMP); Cosham, 1985-'86 (MTMR); Southsea, f.c. (JRL); Hayling Is., 10.vii - 14.ix.77, thirty-three (JMW).
1469. *E. lariciata* (Freyer) Larch Pug
p.283, add:
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Emery Down, 1979, two (JEC); Sparsholt; Winchester, 26.v.75 & occ. since; West Walk, Wickham (DHS).

- v.c.12 - Leckford, 11.vii.87, one at m.v.light (DHS); East Stratton, 24.vi.88, one at m.v.light (BI-J); Itchen Valley, 17.vi.75, melanic, genitalia det. (DWHF); Burghclere, 1985, one, '86, five, '87, 14 & '88, five (GGE-F); Wellington Country Park, 1986-'87, f.c. (DY); East Woodhay, one in 1986, three in '87 (RJH); Overton, 22.vi.81, one at m.v.light (AHD).
1470. *E. tantillaria* (Boisd.) Dwarf Pug
p.283, add:
v.c.10 - Godshill, June 1980, one (PJC); Shanklin, 16.vi.76, one on a spruce trunk (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150). These records confirm the presence of this species in the Isle of Wight.
1471. *Chloroclystis v-ata* (Haw.) V-Pug
p.283, add:
v.c.10 - Freshwater; Brook Down; Newtown (CCS, 1976); Parkhurst Forest, f.c.; America Woods, f.c. (PJC); Shanklin, f.c. at light (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150); Five Houses, 23.vii.82 (JMC).
1472. *C. rectangulata* (Linn.) Green Pug
p.283, add:
v.c.10 - Shanklin, frequent at light (Fearnehough, 1977, *Entomologist's Rec.J.Var.* 89: 150); Cowes (DJH).
1473. *C. chloerata* (Mab.) Pelham-Clinton's Pug
p.283, add:
v.c.11 - Brockenhurst, 1979, larvae, moths bred (AJP); Balmer Lawn, 7.v.79, nine larvae; Hursley, 10.v.79, five larvae (DHS); Sparsholt, 1979, one bred (JEC); Wickham, 15.vi.70, one at m.v.light; Droxford & Hambledon, larvae c. (JRL).
v.c.12 - Leckford, 13.v.79, one larva; Stockbridge, 5.v.79, sev. larvae Dean, nr. Winchester, 11.iv.81, one larva (DHS); Micheldever, 27.iv.73, eight larvae (CHD); Old Alresford, 22.iv.76, four larvae (BG); Burghclere, 4 & 22.vii.85, 28.vi & 6.vii.87, 22.vii.91 at light, only records (GGE-F, 1991); Oakley, 5.vii.84, one at m.v.light (AHD); Selborne, 28.iv.76, one larva beaten, moth bred (DWHF).
1474. *C. debiliata* (Hübner) Bilberry Pug
p.284.
1475. *Gymnoscelis rufifasciata* (Haw.) Double-striped Pug
p.284.
1476. *Anticollix sparsata* (Treits.) Dentated Pug
p.284, add:
v.c.10 - Godshill, 6.vi.76, two (PJC).
v.c.11 - Lymington, 1983, larvae (AJP); Puttles Bridge, New Forest, larvae and moths; Ganger Wood, Romsey, 21.vi.75 (AHD).
v.c.12 - Leckford, larvae c., and moths occ. at light (DHS); Chilbolton, 18.vii.78 (JEC), 1983, larvae (AJP); Farnborough, 10.ix.79, larvae loc.c., moths bred (BG).
1477. *Chesias legatella* (D. & S.) Streak
p.285.
1478. *C. rufata* (Fabr.) Broom-tip
p.285, add:
v.c.11 - Highcliffe (EHW); Botley Wood, 2.vi.79 (DHS).

1479. *Aplocera plagiata* (Linn.) Treble-bar
p.285, add:
v.c.10 - Parkhurst Forest, 5.vii.71 (JEC).
v.c.11 - Highcliffe (EHW); Emery Down, 1978, one & 1979, two (JEC); Denny Wood; Sparsholt; Winchester (DHS); Hayling Is., 17.vi.79 (JEC).
v.c.12 - Harewood Forest, 5.vi.79, a few (DHS); Burghclere, singletons in 1984 & '85, four in '87 (GGE-F); East Woodhay, one in 1987 (RJH).
1480. *A. efformata* (Guen.) Lesser Treble-bar
p.286, add:
v.c.10 - St.Lawrence, Sept.1980, two (EHW).
v.c.11 - Highcliffe (EHW); Emery Down, 1978, two & 1979, one (JEC); Ladycross, Sparsholt, Winchester, few in each locality (DHS); Cosham, 1985-'86 (MTMR); Little Butser Hill, f.c. (HD); Hayling Is., 13.viii.77 (JMW).
v.c.12 - Leckford, 26.viii.73, male at m.v.light (WRLG); Itchen Abbas, few (DHS); Burghclere, two each in 1984 & '85, six in '87 (GGE-F); East Woodhay, one in 1986 (RJH); Overton, a small colony; Bramley, two colonies (AHD).
1481. *Odezia atrata* (Linn.) Chimney Sweeper
p.286.
1482. *Discoloxia blomeri* (Curt.) Blomer's Rivulet
v.c.11 - Minstead, 14.vi.74, one at m.v.light (LWS).
v.c.12 - Crawley, 1.vii.74, one at m.v.light (RAB).

I have examined both these specimens; it is odd that they should both have turned up in the same year. See Goater (1983).
1483. [*Venusia cambrica* Curt.] Welsh Wave
p.286.
1484. *Euchoeca nebulata* (Scop.) Dingy Shell
p.287, add:
v.c.12 - Burghclere, f.c. most years; 56 in 1986 (GGE-F, 1991).
1485. *Asthena albulata* (Hufn.) Small White Wave
p.287, add:
v.c.12 - Micheldever Wood, 19 & 23.v.75, literally swarming (ECLS).
1486. *Hydrelia flammeolaria* (Hufn.) Small Yellow Wave
p.287.
1487. *H. sylvata* (D.& S.) Waved Carpet
p.287, add:
v.c.11 - Oxenbourne Down, 9.vii.73, male at m.v.light (RJD), 5.vii.75 (JRL).
1488. *Minoa murinata* (Scop.) Drab Looper
p.287, add:
v.c.11 - Sparsholt Woods, 1975-'88, f.c. (DHS).
v.c.12 - Harewood Forest, 5.vi.79, a few, and also in subsequent years (DHS); Itchen Valley, 1975, loc.c., flying from sunrise in the woods (DWHF).
1489. *Lobophora halterata* (Hufn.) Seraphim
p.288, add:
v.c.10 - Bouldnor, 10.vi.88 (PJC).
v.c.11 - Lymington, one or two each year since 1979 (AJP); Emery Down, 1979, two (JEC); Ashurst, 1978, five (JCAC); Sparsholt, f.c.; Winchester, one or two in garden trap most year, but no aspen within 2 miles, as far as is known; Botley Wood, 2.vi.79, a few (DHS); Southsea, 30.v.78 (JRL); Hayling Is. (DHS).

- v.c.12 - Leckford, 26.v.73, female at m.v.light (WRLG); Crawley, occ. at m.v.light in garden since 1977 (RAB); Armsworth, 1975 (DWHF); Burghclere, one to three each year at light in garden, seven in 1987 and six in 1988 (GGE-F, 1991); East Woodhay, one in 1986, two in '87 (RJH).
1490. *Trichopteryx polycommata* (D.& S.) Barred Tooth-striped
p.288, add:
v.c.12 - Stockbridge Down, 6.iv.80, one resting by day (JRL, DHS); Micheldever, loc.c. until 1962, when main habitat was destroyed; 1967, one (CHD).
1491. *T. carpinata* (Borkh.) Early Tooth-striped
p.288, add:
v.c.10 - Godshill, two or three most years (PJC).
v.c.12 - Harewood Forest, 3.iv.82, c. (MJ); Burghclere, c. at light in garden: 65 in 1986 and 101 in '87 (GGE-F); Wellington Country Park, 1986-'87, c.; Axmansworth woods, 1987, c. (DY); East Woodhay, one in 1986, seven in '87 (RJH).
1492. *Pterapherapteryx sexalata* (Retz.) Small Seraphim
p.289, add:
v.c.12 - Burghclere, up to 11 per year, 1984-'88, not seen since (GGE-F, 1991).
1493. *Acasis viretata* (Hübner) Yellow-barred Brindle
p.289, add:
v.c.11 - Chandlers Ford, sev. in 1991, at m.v.light in garden (BG).
v.c.12 - Burghclere, up to five each year at m.v.light in garden (GGE-F, 1991).
1494. *Abraxas grossulariata* (Linn.) Magpie Moth
p.289.
1495. *A. sylvata* (Scop.) Clouded Magpie
p.289, add:
v.c.10 - Godshill, 27.vi.76, one at light (Cramp, 1977, *Entomologist's Rec.J.Var.* 89: 140); Parkhurst Forest, June, 1988, more than 50 seen - the species is clearly breeding there (PJC). This is an extremely interesting record: the only breeding colony known in the whole county (BG).
v.c.11 - Ladycross, 11.viii.86, male (JC); Winchester, 23.vii.83, 24.vi.88, singletons at m.v.light (DHS); Fareham, 6.vii.87, one at m.v.light (KJW); Cosham, 1985-'86 (MTMR).
v.c.12 - Crawley, 9 & 25.vii.83, singletons at m.v.light in garden (RAB); Burghclere, 21.vi.88, one at m.v.light; Highclere, 11.viii.86, one at m.v.light by Dr. R.J. Hornby (GGE-F).
1496. *Lomaspilis marginata* (Linn.) Clouded Border
p.289.
1497. *Ligdia adustata* (D.& S.) Scorched Carpet
p.290.
1498. *Semiothisa notata* (Linn.) Peacock Moth
p.290, add:
v.c.10 - Godshill, 16.v.80; America Woods, 26.vi.78; Shanklin, 26.vii.78 (PJC). Presence in v.c.10 confirmed.
v.c.12 - Micheldever, 12.viii.76, one at light (CHD); East Stratton, 12 & 15.viii.88 (BI-J); Burghclere, 31.vii and 16 & 20.viii.83, but not seen again until 25.viii.91 (GGE-F).
1499. *S. alternaria* (Hübner) Sharp-angled Peacock
p.290, add:
v.c.10 - Westhill, Shanklin, 25.vii.82; Locks Farm, 28.vii.84 (JMC); Recorded from

Cranmore, Calbourne & Parkhurst Forest during NCC Survey in June 1988 (PW).

- v.c.11 - Burley Street, 28.vi.82 (MJ); Emery Down, c.20 each year (JEC); New Forest, sev. from a number of different areas; Emer Bog, f.c.; Winchester, few each year, 1975-'88; Botley Wood, f.c. (DHS); Titchfield Haven L.N.R., 1987, 12 at m.v.light (PMP); Southsea, usually sc., but f.c. in 1976 (JRL).
- v.c.12 - Weyhill, 1, 8 & 10.vii.81 (MJ); Harewood Forest, 3.viii.79, a few; Leckford, 1978 & '79, a few; Winnall Moors Nature Reserve, Aug. 1980 & '88, few at m.v.light (DHS); Crawley, f.c. at m.v.light in garden every year (RAB, 1988); Micheldever, 29.vii.76, at light (CHD); Burghclere, 1987, four at m.v.light in garden; not seen previously (GGE-F). NEW VCR.

1500. *S. liturata* (Clerck) Tawny-barred Angle
p.290, add:
v.c.10 - Freshwater, occ. (SAK-J, 1988); common at Bouldnor, Combley Great Wood & Parkhurst Forest; ab. *nigrofulvata* Collins at Bouldnor, 6.vi.88 (PJC).
1501. *S. clathrata* (Linn.) Latticed Heath
p.291, add:
v.c.12 - Bartley Heath Reserve, Hook, 1987, sc. (AHD).
1502. *S. brunneata* (Thunb.) Rannoch Looper
p.291, add:
v.c.11 - St.Ives, nr. Ringwood, 31.vii.88, one at light (JC). NEW VCR.
1503. *S. wauaria* (Linn.) V-Moth
p.291, add:

All records given here:

Common everywhere in gardens (Fassnidge).

- v.c.10 - Shanklin; Cowes; Sandown (IWG); Bembridge, 8.viii.29, one at light in hotel bedroom (CGMW); I have no more recent record.
- v.c.11 - Ringwood, plentiful (Fowler, 1891, *Entom.* 24: 71); Highcliffe, in B.C.Barton coll.; Mudeford, sc. (Carr, 1961, *Entomologist's Rec.J.Var.* 73: 23); New Milton, one (MDN, 1971); Hale, 1961, one & 1962, two, by G.F.Dollimore (RWW coll.); New Forest, 1928-'31, unc. near smallholdings (Pitman, 1963, *ibid.* 75: 199); Burley, c. (CWM-P, 1969); Minstead, 1963, one at m.v.light - the first; 1964, two (LWS); Lyndhurst, 6.vii.76 (EAS); Buckland, pre-1940, c.; Sway, 1967-'78, f.c.; Gosport, 1946-'55, c. (ADT); Winchester, one or two each year at m.v.light in garden from 1975-'84, not seen since anywhere in Hampshire (DHS); Bursledon, r. (IAW, 1970); Browndown, 20.vii.63 (EAS); Cosham, 1985-'86 (MTMR); Southsea, sc., not seen since mid-1070's (JRL); Rowlands Castle, f.c. (FCS, 1969); Waterlooville, 16.vii.67, one at light (RAP).
- v.c.12 - St.Mary Bourne, f.c. (*Andover List*); Leckford, 14.vii.46, and one in J.S.Lewis coll., made between 1930 & '35; Itchen Valley, sc. (DWHF, 1970); Micheldever, 1935, one larva (CHD); Monk Sherborne, 1970 (WRLG); Burghclere district, c. (RS), 1984-'86, singletons each year, 1988, one: previously unrecorded (GGE-F); Old Basing, 10, 11 (2) & 18.vii.82 and 9.vii.83, at m.v.light (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 153); Farringdon, 14.vii & 2.viii.64 (EAS); Aldershot district, c. (Richards, 1957); Farnborough, 1969, four in a Rothamsted trap & four more in 1970 (GB); Whitehill, nr.Bordon, sc. (DW); Alice Holt, 6.vii.66 (EAS), 1966, one at light (TGW).
1504. *Cepphis advenaria* (Hübner) Little Thorn
p.291, add:
v.c.10 - Freshwater, occ.; foot of Tennyson Down, one in 1984 (SAK-J); Parkhurst Forest, 1979, still f.c.; also Bouldnor & Combley Great Wood (PJC, 1989).
v.c.11 - Southsea, 15.v.88, one at m.v.light (JRL).

v.c.12 - Burghclere, 3.vi.85, 17.v.90; only other Burghclere record on 18.v.1893 by EG Alderson (GGE-F).

1505. *Petrophora chlorosata* (Scop.) Brown Silver Line
p.291.
1506. *Plagodis pulveraria* (Linn.) Barred Umber
p.291, add:
v.c.10 - Firestone Copse, Wootton, three in May 1990 and another in May 1991 (B. Warne, comm. SAK-J). First records since 1929.
v.c.11 - Crab Wood, f.c. (RAB); Sparsholt, to 1981, a few each year; Ampfield, 11.vi.79, one; Emer Bog, 9.vi.84, one; Botley Wood, 2.vi.79 (DHS).
v.c.12 - Crawley, 9.vi.73 (RAB); Burghclere, 7.vi.84, 20.v.89, 24.v.91, only records since trapping began in 1983 (GGE-F); East Woodhay, one in 1986 (RJH).
1507. *P. dolabraria* (Linn.) Scorched Wing
p.292.
1508. *Pachycnemia hippocastanaria* (Hübner) Horse Chestnut
p.292, add:
v.c.11 - Winchester, 18.viii.78, 28.viii.88, singletons at m.v.light (DHS).
v.c.12 - Micheldever, 1971, one (CHD).
1509. *Opisthograptis luteolata* (Linn.) Brimstone Moth
p.292.
1510. *Epione repandaria* (Hufner) Bordered Beauty
p.292.
1511. [*E. parallelaria* (D. & S.) Dark Bordered Beauty]
p.292.
1512. *Pseudopanthera macularia* (Linn.) Speckled Yellow
p.292.
1513. *Apeira syringaria* (Linn.) Lilac Beauty
p.293, add:
v.c.10 - Freshwater, sc. (SAK-J, 1988), two; Merstone, one; Godshill, one; all in 1979 (PJC); increasingly common: taken at Cranmore, Parkhurst Forest & Godshill (PJC, 1989).
1514. *Ennomos autumnaria* (Wern.) Large Thorn
p.293, add:
v.c.11 - Winchester College, 26.xi.83 (WCNHS Report); Southsea, far less c. than formerly, not seen since 1978 (JRL); Hayling Is., 24 & 25.ix.86, singletons at m.v.light (JMW).
1515. *E. quercinaria* (Hufner) August Thorn
p.293, add:
v.c.10 - Wood S. of Yarmouth, 2.viii.75, male at light (CCS); St. Lawrence, Sept. 1980, one (EHW); Godshill, occ. (PJC); Shanklin, six (JMC).
v.c.11 - Lymington, 10.viii.78; Frame Heath, 3.viii.79 (AJP); Ladycross & Parkhill Inc., 1987-'88 (JC); Emery Down, 1978 & '79, ten each year (JEC); Ashurst, sc. (JCAC); Emer Bog, 30.vii.83, one; Winchester, two or three each year up to 1980, after which numbers have gradually increased to about a dozen in 1988 (DHS); Fareham, 18.viii.85, 12.viii.87, single males at m.v.light (KJW); Southsea, 25.vii & 21.viii.84, singletons at m.v.light (JRL).
v.c.12 - Weyhill, 24.viii.82 (MJ); Leckford, 8.viii.81, 18.ix.86, singletons (JRL, DHS); Crawley, used to be c., 63 in 1973, but nowhere near as common now, only about 8 in 1988 (RAB); Burghclere, few at light in garden (GGE-F, 1991); Overton,

1516. *E. alniaria* (Linn.) Canary-shouldered Thorn
p.294.
1517. *E. fuscantaria* (Haw.) Dusky Thorn
p.294.
1518. *E. erosaria* (D.& S.) September Thorn
p.294, add:
v.c.10 - Freshwater, sc. (SAK-J, 1988); Godshill, f.c. (PJC).
1519. *Selenia dentaria* (Fabr.) Early Thorn
p.294.
1520. *S. lunularia* (Hübner.) Lunar Thorn
p.294.
1521. *S. tetralunaria* (Hufn.) Purple Thorn
p.295, add:
v.c.10 - Freshwater, 3.viii.78, female (CCS); Godshill, f.c. (PJC).
1522. *Odontopera bidentata* (Clerck) Scalloped Hazel
p.295, add:
v.c.10 - Fairly common around the Isle of Wight (PJC).
1523. *Crocallis elinguaris* (Linn.) Scalloped Oak
p.295.
1524. *Ourapteryx sambucaria* (Linn.) Swallowtail Moth
p.295.
1525. *Colotois pennaria* (Linn.) Feathered Thorn
p.295.
1526. *Angerona prunaria* (Linn.) Orange Moth
p.295, add:
v.c.10 - Parkhurst Forest, Combley Great Wood & Firestone Copse - about ten seen in these localities in 1988 (PJC).
v.c.11 - Crab Wood area, 16.vii.88, at light (DY); Sparsholt, few each year; 24 seen in 1976 (DHS); Botley Wood, 1.vii.78; Wickham, f.c. (JRL), West Walk, Wickham, 28.vi.87, f.c. (AGG).
v.c.12 - Harewood Forest, 4.vii.81, one male (MJ), 17.vii.79, one (DHS); Crawley, 24.vi & 2.vii.73 (RAB); Burghclere, 14 & 14.vii.86, only records (GGE-F, 1991); Axmansworth woods, 1987, over 25 seen at dusk or at light (DY); Bramley Frith Wood, 1988, c. (AHD); Old Basing, 12.vii.83, at m.v.light (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 153).
1527. *Apocheima hispidaria* (D.& S.) Small Brindled Beauty
p.296, add:
v.c.10 - Freshwater, 6 & 14.iii.91, males at m.v.light (SAK-J); Firestone Copse, 11.iii.91, one (B. Warne, comm. SAK-J). Apparently only one previous record for the vice-county.
v.c.11 - Emery Down, 1979, five (JEC); Sparsholt, c. every year; Winchester, 9.iii.78 (DHS); Wickham, c. (JRL); West Walk, Wickham, 16.ii.80, f.c.at m.v.light (AGG).
v.c.12 - Harewood Forest, Feb.1980 (ECLS, comm.DHS); Weyhill, 27.iv.82 (MJ); Leckford, 1.iii.83, two at m.v.light (DHS); Crawley, c. (RAB); East Stratton, 22.ii.71, 1.iii.87, singles at m.v.light (BI-J); Burghclere, abdt.: 165 at light in

garden in 1984, 70 in 1985 & 61 in 1986 (GGE-F); Wellington Country Park, c.
(DY).

1528. *A. pilosaria* (D.& S.) Pale Brindled Beauty
p.296, add:
v.c.10 - Godshill, f.c., melanic form occ. (PJC).
v.c.12 - Crawley, 12.xi.82, male at m.v.light (RAB).
1529. *Lycia hirtaria* (Clerck) Brindled Beauty
p.296.
1530. *Biston strataria* (Hufn.) Oak Beauty
p.297, add:
v.c.10 - Godshill, f.c.; by no means a rarity on the Isle of Wight (PJC).
v.c.12 - Burghclere, one at m.v.light on 15.i.89 - an exceptionally early date (GGE-F).
1531. *B. betularia* (Linn.) Peppered Moth
p.297.
1532. *Agriopis leucophaearia* (D.& S.) Spring Usher
p.298.
1533. *A. aurantiaria* (Hübner) Scarce Umber
p.298, add:
v.c.10 - Godshill, sc. (PJC); Chale Green, 29.xi.91 (S. Colenutt).
1534. *A. marginaria* (Fabr.) Dotted Border
p.298.
1535. *Erannis defoliaria* (Clerck) Mottled Umber
p.298.
1536. *Menophra abruptaria* (Thunb.) Waved Umber
p.298, add:
v.c.10 - Godshill, sc. (PJC).
v.c.11 - Emery Down, 1979, twenty-one (JEC); Hayling Is., 19.viii.76, a late record, probably representing a second generation (JMW).
1537. *Peribatodes rhomboidaria* (D.& S.) Willow Beauty
p.298.
1538. *Selidosema brunnearia* (Vill.) Bordered Grey
p.298, add:
v.c.12 - East Stratton, 6.vii.87, one at m.v.light (BI-J). This is the only record for the vice-county outside the Aldershot district of east Hampshire.
1539. *Cleora cinctaria* (D.& S.) Ringed Carpet
p.299.
1540. *Deileptenia ribeata* (Clerck) Satin Beauty
p.299, add:
v.c.10 - Brook Down, 29.vii.75; Brighstone Forest, 2.viii.75; both females (CCS). Presence on Isle of Wight confirmed.
v.c.11 - Ladycross, 7 & 11.viii.87, single males; Parkhill Inc., 2.viii.87, female (JC); West Wood, 30.vii.85 and again in 1988 (AJP); Crab Wood area, 16.vii.88, at light (DY); Sparsholt College, 1987, one at m.v.light (AHD); Sparsholt, 1984 & '85, a few at m.v.light, although none were seen in the 1970's when the trap was used much more frequently; Winchester, 21.vii.84, 17.vii.88, singletons at m.v.light in garden (DHS).
v.c.12 - Harewood Forest, 1980, one bred (DHS); East Stratton, 8.ix.88 (BI-J);

Burghclere, 3.viii.88, one at m.v.light, five in 1989, only records (GGE-F,1991).

Here is evidence that the species might be showing a welcome increase in Hampshire.

1541. *Alcis repandata* (Linn.) Mottled Beauty
p.299.

1542. *A. jubata* (Thunb.) Dotted Carpet
p.300, add:

It is sad to report that no records of this species in Hampshire have been received since the publication of the 1974 List. The insect is either extinct in the county, or its numbers are at a very low ebb indeed.

1543. *Boarmia roboraria* (D.& S.) Great Oak Beauty
p.300, add:
v.c.12 - Harewood Forest, early July 1975, plentiful (ECLS), 17.vii.79, three; Leckford, 29.vi.88, one at m.v.light (DHS); Burghclere, 20.vi.88, one at m.v.light, only record (GGE-F,1991); South Warnborough, 28.vi.87, one (PR); Wellington Country Park, 1986-'88, two recorded (DY).

1544. *Serraca punctinalis* (Scop.) Pale Oak Beauty
p.300, add:
v.c.10 - America Woods, f.c.; Parkhurst Forest, f.c. (PJC).

1545. *Cleorodes lichenaria* (Hufn.) Brussels Lace
p.301, add:
v.c.10 - Freshwater, none recently (SAK-J, 1988); Godshill, about six each year (PJC).
v.c.11 - New Forest, increasing (RAB); Knightwood Oak, 26.vi.78, c. at light (JCAC); Holmhill, 11.vii.79, three at m.v.light, and a few since (DHS); Parkhill Inc. (JC, 1989); Lyndhurst, 30.vi.84 (AJP); White Moor, 15.vii.79 (JEC); Oxenbourne Down, 5.vii.75 (JRL).
v.c.12 - East Stratton, 7.vii.87, one at m.v.light (BI-J); Micheldever, 14.vi.76, first since 1937 (CHD).

1546. *Fagivorina arenaria* (Hufn.) Speckled Beauty
p.301.

1547. *Ectropis bistortata* (Goeze) Engrailed
p.301.

1548. *E. crepuscularia* (D.& S.) Small Engrailed
p.302, add:
v.c.10 - Shanklin, occ. (JMC).

1549. *Paradarisa (Ectropis) consonaria* (Hübner) Square Spot
p.302, add:
v.c.11 - Emery Down 1979, five (JEC); Lyndhurst, seen in small numbers most years (AJP); Sparsholt, May 1976, eight, 29.v.78, one, 15.v.79, seven; Botley Wood, 2.vi.79, f.c.; West Walk, Wickham, 22.vi.79, two (DHS), f.c. at m.v.light (AGG, 1987); Wickham, c.; Havant Thicket, c. (JRL).
v.c.12 - Harewood Forest, 27.v.79, a few (DHS); Micheldever, 1970, one, 1971, two & 1973, three (CHD); Burghclere, 23.v.84, 1986, four, occasionally since (GGE-F, 1991); Wellington Country Park, 1986-'87 (DY); Bramley Frith Wood, 1988, one at m.v.light (AHD).

1550. *P. (Ectropis) extersaria* (Hübner) Brindled White-spot
p.302, add:
v.c.10 - Bouldnor, 1988, f.c.; Parkhurst Forest, 5.vi.82; Godshill, occ. (PJC).

- v.c.11 - Emery Down, f.c. (JEC); Holmhill, 1979-'81, a few; Sparsholt, 1976-'85, a few; Emer Bog, 1984-'86, a few; Winchester, 5.vii.77, one at m.v.light in garden; West Walk, 22.vi.79, nine (DHS); Wickham, c.; Havant Thicket, c. (JRL).
- v.c.12 - Crawley, recorded every year at m.v.light in varying numbers (RAB); Micheldever, occ. (CHD); Burghclere, 1984-'87, c. with peak of 107 at light in garden in 1986; suddenly decreased, with only three in 1990 and one in 1991 (GGE-F); Wellington Country Park, f.c.; Axmansworth woods, 1987 (DY); East Woodhay, four in 1986, one in '87 (RJH).
1551. *Aethalura punctulata* (D.& S.) Grey Birch
p.303, add:
v.c.10 - Freshwater, one in 1962 (SAK-J).
1552. *Ematurga atomaria* (Linn.) Heath Moth
p.303.
1553. *Bupalus piniaria* (Linn.) Bordered White
p.303.
1554. *Cabera pusaria* (Linn.) Common White Wave
p.303.
1555. *C. exanthemata* (Scop.) Common Wave
p.303, add:
v.c.10 - Beech Copse, Godshill (PJC); St.Helens, 3.viii.74 (CCS).
1556. *Lomographa bimaculata* (Fabr.) White Pinion Spotted
p.304, add:
v.c.10 - Parkhurst Forest, f.c.; America Woods (PJC).
1557. *L. temerata* (D.& S.) Clouded Silver
p.304.
1558. *Aleucis distinctata* (H.-S.) Sloe Carpet
p.304.
1559. *Theria primaria* (Haw.) Early Moth
= *rupicaprararia* auctt.
p.304, add:
- Since 1974, it has been shown that the species known for so long in Britain as *T. rupicaprararia* is in fact another species; the true *rupicaprararia* is unknown in Britain & Ireland.
1560. *Campaea margaritata* (Linn.) Light Emerald
p.305.
1561. *Hylaea fasciaria* (Linn.) Barred Red
p.305, add:
v.c.10 - Sandown, 1909, at light (Prout, 1909, *Entomologist's Rec.J. Var.* 21: 248).
1562. *Gnophos obscuratus* (D.& S.) Annulet
p.305, add:
v.c.10 - Headon Warren, dark heath form not unc. at light (CCS); Blackgang, f.c. at actinic light (PJC).
v.c.11 - Denny Bog, 1976-'78, f.c. by day (DHS).
v.c.12 - Micheldever, 13.viii.73 (CHD).

1563. *Aspitates gilvaria* (D.& S.) Straw Belle
p.305.
1564. *A. ochrearia* (Rossi) Yellow Belle
p.306, add:
v.c.11 - Lymington Marsh, 1.ix.77 (AJP); Fort Cumberland, Southsea, c. at floodlighting (AGG); Southsea, 3.ix.80, c., 31.v.84, f.c.; Hayling Is., 33.vi.78, c., 24.ix.79, one (DHS).
v.c.12 - Burghclere, 7.vi.85, 31.v & 4.vi.91, only records (GGE-F).
1565. *Dyscia fagaria* (Thunb.) Grey Scalloped Bar
p.306, add:
v.c.11 - Beaulieu Road, 1978-'79, loc.f.c. (JEC); Longdown, nr. Ashurst, 27.v.78, female & 27.v.79, male (JCAC); near Denny Bog, 21.iv.85, a number of larvae swept, but few moths bred; Winchester, 12.vi.80, one at m.v.light in garden (DHS).
v.c.12 - Crawley, 21.v.81, at m.v.light in garden (RAB); Wellington Country Park, 6.vi.87, one at m.v.light (DY).
1566. *Perconia strigillaria* (Hübner) Grass Wave
p.306, add:
v.c.11 - Emer Bog, 4.vii.79, a few (DHS).
v.c.12 - Newtown Common, 30.vi.88, sev. by day (DHS); Burghclere, one or two most years at m.v.light in garden, 1984-'91 (GGE-F)..

SPHINGIDAE

1567. *Agrius convolvuli* (Linn.) Convolvulus Hawk
p.307.
1568. *Acherontia atropos* (Linn.) Death's-head Hawk
p.307.
1569. *Sphinx ligustri* Linn. Privet Hawk
p.307, add:
v.c.10 - Tennyson Down, occ. (SAK-J); Combley Great Wood, 10.vi.88; Godshill, 5.vii.87 - first record for five years (PJC).
1570. *Hyloicus pinastri* (Linn.) Pine Hawk
p.307, add:
v.c.10 - Recorded at Bouldnor and Parkhurst Forest during NCC Survey in June 1988 (PW).
v.c.11 - Outside New Forest, recorded in recent years from Emer Bog, Winchester and Botley Wood (DHS); Chandlers Ford, two at light in July-August 1991 (BG); Titchfield Haven L.N.R., June-July 1987, four at m.v.light (PMP); Cosham, 1985-'86 (MTMR).
v.c.12 - Leckford (DHS); Crawley, not seen in recent years in garden, but two on 3.vii.76 (RAB); Wellington Country Park, 1986-'87, three at m.v.light (DY).
1571. *Mimas tiliae* (Linn.) Lime Hawk
p.309, add:
v.c.10 - Compton Down, 18.vi.88, one at m.v.light (PW); Godshill, June 1977, three; 1984, two; 1986, two (PJC); Shanklin, single larvae found, 22.viii.82 & 30.vii.83 (NH); Cowes (DJH).
v.c.11 - Emery Down, 1978, one & 1979, five (JEC); Sparsholt, 8.vii.84, one at m.v.light; Emer Bog, 22.vi.85, few at m.v.light; Winchester, some every year, 1975-'88, at m.v.light in garden (DHS); Chandlers Ford, few at light in 1991 (BG); Titchfield Haven L.N.R., May-July 1987, five at m.v.light (PMP); Hayling Is., 9.vi.79, a few at m.v.light (DHS); Cosham, 1985-'86 (MTMR).
v.c.12 - Leckford, 9.vi.79, 22.v.88, singletons at m.v.light (DHS); Crawley, 1973, ten at m.v.light; much scarcer in recent years, and only one in 1988 (RAB); Burghclere, between four and six at m.v.light in garden most years (GGE-F, 1988); East Woodhay, singletons in 1986 & '87 (RJH); Oakley, 1984, two at m.v.light (AHD).
1572. *Smerinthus ocellata* (Linn.) Eyed Hawk
p.309.
1573. *Laothoe populi* (Linn.) Poplar Hawk
p.309.
1574. *Hemaris tityus* (Linn.) Narrow-bordered Bee Hawk
p.309, add:
v.c.12 - Bordon district, r. in one locality (JWOH, 1973).
1575. *H. fuciformis* (Linn.) Broad-bordered Bee Hawk
p.310, add:

There has been a welcome recovery of this species in Hampshire and elsewhere, starting in the mid-1970's, though perhaps now the peak has passed. In 1976, after a very hot summer, examples of a unique second emergence were recorded in Hampshire and Suffolk. The following records are to hand in support of these remarks:

- v.c.11 - Brockenhurst, Aug.1965, two larvae, one moth bred (Young, 1975, *Entomologist's Rec.J.Var.* 87: 300); Linwood, 12.v.73, one seen & photographed at flowers of honesty (*Lunaria annua*), and others in same place in May, 1972 by Mr.Robin Fletcher (Siggs, 1973, *ibid.* 85: 203); Brockenhurst, 12.vii.75, half-grown larva found by A. Butterworth in his garden (Siggs, 1975, *ibid.* 87: 254); a number seen in late July & early Aug., 1976 in gardens of Messrs. Fletcher and Ashby; also sev. in late July at Picket Hill, Ringwood (Siggs., 1976, *ibid.* 88: 270); Ashurst, Aug.1976, "I observed this moth, sometimes three or four simultaneously, on several days in early August 1976 feeding at the flowers of buddleia..." (Craik, 1977, *ibid.* 89: 188); Lymington, 1976; Denny Lodge, Lyndhurst, 1977, two feeding at wallflowers in garden of Mr.F. Courti-er; Minstead, Aug.1977, young larva on honeysuckle in garden (Siggs, 1977: *ibid.*: 304); New Copse, 1976 and subsequently, c. (AJP); New Forest, 1978, larvae widespread and c. (BG); larvae still f.c. (RAB, 1988); Church Place Inc., 19.viii.79, eight larvae, moths bred; Sparsholt, 19.v.79, one flying down ride (G.R.Else, pers.comm.); Emer Bog, 1983, two at rhododendron flowers in garden by entrance to bog (D. Appleton, pers.comm.).
- v.c.12 - Micheldever, 21.vi.40, one larva (CHD); Bordon district, 1967 & '71, f.c. in one area (JWOH).
1576. *Macroglossum stellatarum* (Linn.) Hummingbird Hawk
p.310, add:
v.c.10 - Freshwater, 5.iv.84, perfect specimen found by Dr. J. Waring hibernating in his garage; one at m.v.light in 1986 (SAK-J).
1577. *Daphnis nerii* (Linn.) Oleander Hawk
p.310, add:
v.c.12 - Martyr Worthy, 18.viii.75, female at m.v.light (Ffennell, 1975, *Entomologist's Rec.J.Var.* 87: 277).
1578. *Hyles euphorbiae* (Linn.) Spurge Hawk
p.311, CORRECTION:
line 5, for take, read taken.
1579. *H. gallii* (Rott.) Bedstraw Hawk
p.311, add:
v.c.10 - Great Coombe Wood (?Combley Great Wood), 3.viii.81, one seen at rest and positively identified before it flew off (Clouter, 1981, *Entomologist's Rec.J.Var.* 93: 239); Sandown Pier, 1.ix.91, one found on a beach hut by M. Buckley (comm.SAK-J).
v.c.11 - Boldre, 1.viii.73, female at light (Middleton, 1973, *ibid.* 85: 216); Minstead, 1.viii.73, male at light (Siggs, 1975, *ibid.* 85: 225); Fareham, 1.viii.83, male taken by C. Luckens; Rhinefields Inc., Aug.1973, two small larvae found by G.J.Nixon (de Worms, 1975, *ibid.* 87: 236); Brockenhurst, 3.iv.85 (Russwurm, 1985, *ibid.* 97: 93); Lymington, 6.iv.85 (Pickles, 1985, *ibid.*: 84); Havant, 10.iv.85 by C.B. Collins (Bretherton & Chalmers-Hunt, 1986, *ibid.* 98: 226).
v.c.12 - Crawley, 16.vii.83, female at m.v.light was kept for eggs but was infertile (RAB).
1580. *H. lineata* (Fabr.) Striped Hawk
p.311, add:
v.c.10 - Godshill, 27.vi.76, male at m.v.light (Cramp, 1977, *Entomologist's Rec.J.Var.* 89: 140).
v.c.11 - Lymington, 6.iv.85, one at m.v.light (AJP).
v.c.12 - Crawley, 8.viii.75, one at m.v.light (RAB).
1581. *Deilephila elpenor* (Linn.) Elephant Hawk
p.312, add:
v.c.12 - Itchen Valley, 22.ix.75, one at m.v.light - a very late date (Ffennell, 1975, *Entomologist's Rec.J.Var.* 87: 277).

1582. *D. porcellus* (Linn.) Small Elephant Hawk
p.312, add:
v.c.10 - St.Boniface Down, June 1976, one (Summers, 1977, *Entomologist's Rec.J.Var.* 89: 4); Godshill, occ. (PJC).
1583. *Hippotion celerio* (Linn.) Silver-striped Hawk
p.312, add:
v.c.11 - Emery Down, 7.xi.78 (JEC) (see Bretherton & Chalmers-Hunt, 1980, *Entomologist's Rec.J.Var.* 92: 62); Sway, 10.xi.78, male found at rest on a garage door by J. Barnett (Watson, 1979, *ibid.* 91: 76).
v.c.12 - Micheldever, 14.x.77, one at m.v.light (Dixon, 1978, *ibid.* 90: 56).

NOTODONTIDAE

1584. *Phalera bucephala* (Linn.) Buff-tip
p.313.
1585. *Cerura vinula* (Linn.) Puss Moth
p.313, add:
v.c.10 - Freshwater, no recent record (SAK-J, 1988).
1586. *Furcula (Harpyia) bicuspis* (Borkh.) Alder Kitten
p.313.
1587. *F. (Harpyia) furcula* (Clerck) Sallow Kitten
p.313, add:
v.c.10 - Godshill, occ. (PJC); Five Houses; Kings Manor (JMC); Queens Bower, Sandown, 13.viii.80, male (NH).
1588. *F. (Harpyia) bifida* (Brahm) Poplar Kitten
p.314, add:
v.c.10 - Godshill, sc. (PJC); Cowes, 29.vi & 5.vii.81 (DJH).
v.c.11 - Winchester, 5.vi.76, 29.vii.90 (DHS); Titchfield Haven L.N.R., 27.v.87, one at m.v.light (PMP); Hayling Is., 4.vi.77 (JMW).
v.c.12 - Leckford, 21.vi.75, female at m.v.light: eggs laid, moths bred (WRLG); Burghclere, one in 1986, one on 28.iv.89, only records (GGE-F, 1989); Overton, 22.vi.81, one at m.v.light (AHD); Bordon district, r. (JWOH, 1973).
1589. *Stauropus fagi* (Linn.) Lobster Moth
p.314, add:
v.c.10 - Parkhurst Forest, 5.vi.82, eight at light; Godshill, occ. (PJC). Recorded from Firestone Copse and Parkhurst Forest during NCC Survey in June 1988 (PW).
1590. *Notodonta dromedarius* (Linn.) Iron Prominent
p.314, add:
v.c.10 - Freshwater, sc. (SAK-J, 1988); Brook Down, 23.viii.73 (CCS); Parkhurst Forest; Combley Great Wood; Godshill (PJC, 1982); Queens Bower, Sandown; Bonchurch, larva on *Corylus*, 20.ix.80, moth bred (NH).
1591. *Tritophia tritophus* (D.& S.) Three-humped Prominent
p.314.
1592. *Eligmodonta ziczac* (Linn.) Pebble Prominent
p.315.
1593. *Peridea anceps* (Goeze) Great Prominent
p.315, add:
v.c.10 - Freshwater, not seen in recent years (SAK-J, 1988); Parkhurst Forest, 19.v.82, f.c.; Godshill, occ., two in 1985; Parkhurst Forest, still f.c. (PJC); Queens Bower, Sandown, 30.v.87 (NH).

1594. *Pheosia gnoma* (Fabr.) Lesser Swallow Prominent
p.315, add:
v.c.11 - Brockenhurst, 8.v.76, one melanic in c.80 specimens at light (Gardner, 1977, *Entomologist's Rec.J.Var.* 89: 67).
1595. *P. tremula* (Clerck) Swallow Prominent
p.315.
1596. *Ptilodon capucina* (Linn.) Coxcomb Prominent
p.315, add:
v.c.10 - Parkhurst Forest, 13.vi.88 (PW); Godshill, few each year (PJC, 1982).
1597. *Ptilodontella cucullina* (D.& S.) Maple Prominent
p.315, add:
v.c.11 - Crab Wood area, 16.vii.88, five at light (DY); Sparsholt College, 1987, five at m.v.light (AHD); Winchester, 12.viii.76, one at m.v.light; following another on 30.vii.80, this moth has become fairly common, with at least four or five coming to the trap each year; in 1988, one appeared at the very late date of 22 Oct. (DHS); Droxford, 14.vii.71, 11.vii.74; Havant Thicket, 16.vii.77 (JRL); Oxenbourne Down, 18.viii.73, one at m.v.light (RJD).
v.c.12 - Harewood Forest, 17.vii.79 (DHS); Weyhill, 5 & 6.viii.80, 10 & 17.vii.81 and 31.vii.82 (MJ); Crawley, one or two every year at m.v.light in garden, 1972-'88 (RAB); Armsworth, 14.viii.75, one at m.v.light (DWHF); East Stratton, 13.vii.88, one at m.v.light (BI-J); Micheldever, 26.vii.68, 31.vii.70, 21.vii.72, 16.v.74, two, 23.vii.74, two, 13.viii.74 & three in 1975 (CHD); Pamber Forest, 11.vii.80, female at m.v.light (BG); Overton, 1981, four (AHD).
1598. *Odontosia carmelita* (Esp.) Scarce Prominent
p.316, add:
v.c.11 - Parkhill Inc., 12.v.79, nine at m.v.light (JEC); Balmer Lawn, Brockenhurst, 7.v.79, one at m.v.light; Sparsholt, 1976 & '78, sev. at m.v.light; Winchester, 30.iv.87, two at m.v.light (DHS); Chandlers Ford, 20 & 21.v.76, singletons at m.v.light (BG).
v.c.12 - Weyhill, 22.iv.81, 20, 21 & 28.iv.82, singletons at m.v.light (MJ); Leckford, 17.iv.82, one at m.v.light (DHS); Crawley, 24.iv.75, then one or two most years, mostly on wet nights (RAB); East Stratton, occurs every year at m.v.light (BI-J); Burghclere, f.c. at m.v.light in garden, 28 in 1987 & 26 in '88 (GGE-F); East Woodhay, two in 1987 (RJH); Longmoor, 30.iv.82, c. (MJ).
1599. *Pterostoma palpina* (Clerck) Pale Prominent
p.316.
1600. [*Leucodonta bicoloria* (D.& S.) White Prominent]
p.316.
1601. *Ptilophora plumigera* (D.& S.) Plumed Prominent
p.317, add:
v.c.12 - Crawley, 10.xi.84, one at m.v.light in garden (RAB).
1602. *Drymonia dodonaea* (D.& S.) Marbled Brown
p.317, add:
v.c.10 - Parkhurst Forest, 13.vi.88 (PW); Queens Bower, Sandown, 4.vi.80, 13.vi.87 (NH).
v.c.11 - Highcliffe (EHW); Holmhill, f.c.; Sparsholt, May/June 1976 & '78, c. at m.v.light; Emer Bog, 9.vi.84, 22.vi.85, few at m.v.light; Winchester, 2.v.78, two, 14.v.82 & 30.iv.87, singletons, at m.v.light in garden (DHS); Droxford, c.; Wickham, c.; Havant Thicket, c. (JRL).
v.c.12 - Leckford, occ. (DHS); Burghclere, v.c., 228 at m.v.light in garden in 1986 (GGE-F); Wellington Country Park, c. (DY); East Woodhay, eight in 1986, six in '87 (RJH); Bordon district, c. (JWOH, 1973).

1603. *D. ruficornis* (Hufn.) Lunar Marbled Brown
p.317.
1604. *Clostera pigra* (Hufn.) Small Chocolate-tip
p.317, add:
v.c.11 - Emer Bog, larvae on *Salix repens*, 1980, '82 & '84 (DHS).
v.c.12 - Stoke Charity, 10.vi.76, one (DO); Chineham Wood, May 1975, one at light (ECLS).
1605. [*C. anachoreta* (D.& S.) Scarce Chocolate-tip]
p.318.
1606. *C. curtula* (Linn.) Chocolate-tip
p.318, add:
v.c.10 - Freshwater, not seen in recent years (SAK-J, 1988); Combley Great Wood; Godshill, occ. (PJC); Haven Street, 7.viii.84 (JMC); Chale Green, 25.v.91 (S. Colenutt).
1607. *Diloba caeruleocephala* (Linn.) Figure of Eight
p.318.

LYMANTRIIDAE

1608. *Orgyia recens* (Hübner) Scarce Vapourer
p.318.
1609. *O. antiqua* (Linn.) Vapourer
p.318, add:
v.c.10 - Isle of Wight, f.c. until 1977, but no recent record (PJC, 1982).
1610. *Elkneria (Dasychira) fascelina* (Linn.) Dark Tussock
p.319.
1611. *Calliteara (Dasychira) pudibunda* (Linn.) Pale Tussock
p.319.
1612. *Euproctis chrysorrhoea* (Linn.) Brown-tail
p.319, add:
v.c.11 - DHS writes, "There was a population explosion in coastal areas in the early 1980's, and the species commenced to appear in inland Hampshire. At Winchester, there were over 20 in my garden trap on 17.vii.83, and practically as many on other nights. The numbers continued high in 1984, but dropped in 1985 to ten, and to three in 1986, since when there have been none". Chandlers Ford, 22.vii.91 and subsequently, sev. males at light; Southampton, 23.vii.91, over 50 resting on a wall in New Docks, under a light (BG); Cosham, 1985-'86 (MTMR).
v.c.12 - Crawley, 14.vii.85, male at m.v.light; the fact that it was taken on the same night as a female *Leucoma salicis* (see below), suggests that it was probably a migrant (RAB); Kemsholt, 16.vii.83 (2), 7.vii.84, 11.vii.84, 14.vii.85; North Warnborough, 17.vii.83 (2) (Fradgeley, 1987, *Entomologist's Rec.J.Var.* 99: 106); Alice Holt, 25.vii.85, one at Rothamsted trap (Winter, 1986, *ibid.* 98: 209);
1613. *E. similis* (Fuessl.) Gold-tail
p.319.

1614. *Leucoma salicis* (Linn.) White Satin
p.319, add:
v.c.10 - Freshwater, female at m.v.light in 1987 (SAK-J); Godshill, 25.vi.86, one (PJC).
v.c.11 - St.Ives, nr. Ringwood, 26.vi.88, one at m.v.light (JC); Highcliffe, 1984, one (EHW); Emery Down, 1979, two (JEC); Ashurst, 1978, two (Craik, 1979, *Entomologist's Rec.J.Var.* 91: 136); Sparsholt College, 1986, frequent at m.v.light (AHD); Sparsholt, 8.vii.85, one at m.v.light; Winchester, 19.vii.75, 16.vi.82, 14.vii.84, 10.vii.85, 1.vii.86, 6.vii.87 (DHS); Cosham, 1985-'86 (MTMR); Southsea, 1979, larvae c. (BG); Portsea Is., 1979, larvae c. (RAB).
v.c.12 - Weyhill, 9.vii.82, male (MJ); Leckford, 13.vii.74, male at light (ECLS), 9.vii.78 & 10.vii.79, 16.vii.86, 29.vi.88; Winnall Moors Nature Reserve, 25.vii.87, one at m.v.light (DHS); Crawley, 14.vii.85 & 15.vii.86, single females at m.v.light (RAB); Burghclere, one or two at light most years (GGE-F, 1988); East Woodhay, two in 1986, three in '87 (RJH); Oakley, 8.vii.84, one at m.v. light; Overton, 14.vii.81, one at m.v.light (AHD); South Warnborough, 11.vii.87 (PR).
1615. *Lymantria monacha* (Linn.) Black Arches
p.320, add:
v.c.10 - Freshwater, 2 & 3.vii.78, males c. at m.v.light; wood S. of Yarmouth, f.c.; Newtown, 25.vii.74; Bouldnor; both at m.v.light and resting on oak trunks (CCS); St.Lawrence, Sept.1980, a few (EHW); Rowlands Wood, c.; America Woods, c. (PJC); Queens Bower, Sandown, 15.viii.71, 27.viii.84 (NH).
v.c.11 - Holmhill Inc., 4.viii.78, two ab. *eremita* Ochs. among many typical specimens, at m.v.light in pouring rain (BG); Cosham, 1985-'86 (MTMR).
v.c.12 - Wellington Country Park, c. (DY).
1616. *L. dispar* (Linn.) Gipsy Moth
p.320, add:
v.c.10 - Godshill, 28.viii.91 (P.J. Cramp, comm.SAK-J). NEW VCR.
v.c.11 - Bournemouth, 18.viii.76, female taken at rest on a tree by P. Fleet (Siggs, 1976, *Entomologist's Rec.J.Var.* 88: 268); Highcliffe, 29.viii.85, male at m.v.light (Wild, 1986, *ibid.* 98: 21).

ARCTIIDAE

1617. *Thumata senex* (Hübner) Round-winged Muslin
p.320, add:
v.c.10 - Freshwater Marsh, 21.vii.74, two (CCS); sc. at Freshwater and Freshwater Bay (SAK-J, 1988).
v.c.11 - Portchester, 6.vii.84, one at m.v.light (KJW).
1618. *Setina irrorella* (Linn.) Dew Moth
p.320, add:
v.c.11 - Hurst Castle, 1981, larvae c., moths reared (AJP), 2.vi.82, moths abdt. (RAB). (see Pickles, 1983, *Entomologist's Rec. J. Var.* 95: 86).
1619. *Miltochrista miniata* (Forst.) Rosy Footman
p.320.
1620. *Nudaria mundana* (Linn.) Muslin Footman
p.321, add:
v.c.10 - Wood S. of Yarmouth, 28.vii.74; Norton Green, 29.vii.75 (CCS).
v.c.12 - Crawley, one at m.v.light in garden, 20.vii.83 (RAB).
1621. *Atolmis rubricollis* (Linn.) Red-necked Footman
p.321, add:
v.c.10 - Parkhurst Forest, 13.vi.88, two at m.v.light (PJC, PW).
v.c.11 - Upham, 1975 (DWHF).

- v.c.12 - Martyr Worthy, 27.vi.76, one at m.v.light (DWHF); Micheldever, 27.vi.76 (CHD). The simultaneous appearance of two specimens within a few miles of each other suggests immigration. Dixon had not recorded the species at Micheldever since 1944 (see Goater, 1974), and it was a new record for Ffennell at Martyr Worthy. East Woodhay, one in 1986 (RJH).
1622. *Cybosia mesomella* (Linn.) Four-dotted Footman
p.322, add:
v.c.10 - Bouldnor, 12.vi.88 (PW).
v.c.11 - Titchfield Haven, 66.vii.87, one at m.v.light (PMP).
v.c.12 - Weyhill, c. (MJ, 1984); East Stratton, 10.vii.88, one at m.v.light (BI-J); East Woodhay, up to four each year, 1985-'87 (RJH).
1623. *Pelosia muscerda* (Hufn.) Dotted Footman
p.322.
1624. *Eilema sororcula* (Hufn.) Orange Footman
p.322, add:
v.c.10 - Freshwater, occ.; one in 1985 (SAK-J); Parkhurst Forest, 20.v.82, sev.; Nunny's Wood, 1986, f.c.; also at Cranmore, Bouldnor & Firestone Copse (PJC, 1989).
v.c.11 - St.Ives, nr. Ringwood, 14.v.88, male at m.v.light (JC); Highcliffe, 20.vi.84, one at m.v.light (EHW); Mallard Wood, 16.vi.83, 6.vi.86, singletons by day; near Ashurst, 5.vi.85, sev.; Winchester, 27.v.82, 22.vi.86, 5.vi.87 (DHS); Hayling Is., June 1987, one (JMW).
v.c.12 - Crawley, since 1982 taken every year at m.v.light in garden, up to six per year (RAB); Burghclere, 1986, one, the only record (GGE-F, 1988).
1625. *E. griseola* (Hübner.) Dingy Footman
p.322, add:
v.c.10 - Abundant at m.v.light in several localities in West Wight; ab. *flava* Haw. distinctly uncommon, and two only were seen, in 1974 & '75 (CCS, 1976); Queens Bower, Sandown, with ab. *flava* (NH).
1626. *E. complana* (Linn.) Scarce Footman
p.322.
1627. *E. deplana* (Esp.) Buff Footman
p.322, add:
v.c.11 - Ladycross, 13.viii.80, a few; Holmhill, 25.vii.79, f.c.; Crab Wood, 1975 & '76; Winchester, a few most years from 1975 (DHS); Old Winchester Hill, v.c.; Droxford, f.c.; Wickham, f.c.; Oxenbourne Down, c.; Havant Thicket, f.c. (JRL).
v.c.12 - Leckford, 16.vii.86 & 31.vii.87, a few at m.v.light (DHS); Crawley, taken every year at m.v.light (RAB, 1988); Micheldever, up to four each year since 1969 (CHD); Burghclere, f.c., 38 in 1984 (GGE-F, 1988); Wellington Country Park, 1986-'87 (DY); East Woodhay, occ. (RJH).
1628. *E. lurideola* (Zinck.) Common Footman
p.323.
1629. *Lithosia quadra* (Linn.) Four-spotted Footman
p.323, add:

In July, 1982, there was a considerable influx of this species:

- v.c.10 - Queens Bower, Sandown, 10.vii.82 (NH).
v.c.11 - Highcliffe, 9.vii (2), 10.vii (7), 12.vii (1), 14.vii (7), by E.H. Wild; Lymington, 28.vi (1), 9.vii (5), 11.vii (4) by A.J. Pickles; Sway, 11 & 12.vii (6), by A.S. Harmer; all at m.v.light, and all males (Bretherton & Chalmers-Hunt, 1983,

- v.c.12 - Micheldever, 5.vii.73, at m.v.light (CHD); Crawley, 3.viii.84, one at m.v.light in garden (RAB); Burghclere, 4.viii.84, male at m.v.light (GGE-F).
1630. *Coscinia cribraria* (Linn.) Speckled Footman
p.323.
I am unable to find any record of either subspecies in Hampshire since 1960 (see Goater, 1974).
1631. *Utetheisa pulchella* (Linn.) Crimson-speckled Footman
p.324.
1632. *Parasemia plantaginis* (Linn.) Wood Tiger
p.324, add:
v.c.10 - Afton Down, one in 1988 (SAK-J); Compton Down, 14.vi.88, seen in fair numbers flying in sunshine (PJC, PW).
v.c.11 - Martin Down, 22.iv.78, two larvae; West Wood, 1974, f.c. by day: none in 1975 or since; Sparsholt & Farley Mount, 1976 & '77, f.c., but none noted since (DHS); seen every year on downs in this area (RAB, 1988); downs S.W. of Stockbridge, 3.vii.83, sev. (DHS).
1633. *Arctia caja* (Linn.) Garden Tiger
p.325.
1634. *A. villica* (Linn.) Cream-spot Tiger
p.325.
1635. *Diacrisia sannio* (Linn.) Clouded Buff
p.326, add:
v.c.10 - Godshill, 26.vi.78, 18.vii.82 & one or two most years since (PJC, 1989). Recorded from Bouldnor, Cranmore and Parkhurst Forest during NCC Survey, June 1988 (PW); Chale Green, 2.vii.91 (S. Colenutt).
1636. *Spilosoma lubricipeda* (Linn.) White Ermine
p.326.
1637. *S. luteum* (Hufn.) Buff Ermine
p.327.
1638. *S. urticae* (Esp.) Water Ermine
p.326, CORRECTION:
v.c.10, line 3. The exhibitor of the specimen taken in Sandown Marshes was Mr. Blenkarn, not Blenkam (see *Entomologist's Rec.J.Var.* 24: 202).
add:
v.c.11 - Minstead, 1976 (Siggs, 1977, *Entomologist's Rec.J.Var.* 89: 174).
1639. *Diaphora mendica* (Clerck) Muslin Moth
p.327, add:
v.c.12 - Martyr Worthy, 13.x.76, male at m.v.light: an extremely late date, and probably a second generation following the hot summer of that year (DWHF).
1640. *Phragmatobia fuliginosa* (Linn.) Ruby Tiger
p.327.
1641. *Euplagia quadripunctaria* (Poda) Jersey Tiger
p.327, add:
v.c.10 - Tennyson Down, Freshwater, 11.ix.91, one found on track (SAK-J).
v.c.11 - Fareham, 12.viii.87, female at m.v.light (KJW). NEW VCR.
This most interesting record is the first for mainland Hampshire, there

having been but two previous records from the Isle of Wight (see Goater, 1974).

1642. *Callimorpha dominula* (Linn.) Scarlet Tiger
p.327, add:
v.c.11 - Minstead, 1976 (Siggs, 1977, *Entomologist's Rec.J.Var.* 89: 174).
v.c.12 - Crawley, 3.vii.76, one at m.v.light in garden, over 5 miles from strongholds in Itchen and Test valleys (RAB).
1643. *Tyria jacobaeae* (Linn.) Cinnabar
p.327.

NOLIDAE

1644. *Meganola strigula* (D.& S.) Small Black Arches
p.328, CORRECTION:

v.c.11 - line 11, for Sparshot, read Sparsholt.

add:
v.c.10 - Firestone Copse, 21.vi.88, one (PJC). This is the first Island record since 1929 (BG).
v.c.11 - Parkhill Inc., six in 1978, one in 1980 (DHS); Hambledon, 4.vii.58 (JRL).
v.c.12 - Harewood Forest, 1.vii.75, one at light (ECLS), 17.vii.79, seven, 2.viii.80, one (DHS); Pamber Forest, 11.vii.80, fifteen at m.v.light (BG).
1645. *M. albula* (D.& S.) Kent Black Arches
p.328, add:
v.c.10 - Brook Down, 29.vii.75 (CCS); Cranmore, June 1988 (PW); Shanklin, 10.vii.81 (JMC); Chale Green, 15.viii.91 (S. Colenutt).
v.c.11 - Needs Ore Nature Reserve, 9-10.vii.83 (WCNHS Report), 14.vii.82, three (DHS); Winchester, 18.viii.77, one at m.v.light (Sterling, 1977, *Entomologist's Rec.J.Var.* 89: 315), another on 26.vii.85; Browndown, 16.vii.79, one; Fareham, 16.vii.86, one at m.v.light (KJW); Farlington Marsh, 18.vii.84, one (DHS); Hayling Is., 27.vii.87, over 20 at m.v.light on Sandy Point (JMW).
1646. *Nola cucullatella* (Linn.) Short-cloaked Moth
p.329.
1647. *N. confusalis* (H.-S.) Least Black Arches
p.329, add:
v.c.10 - Parkhurst Forest; America Woods; Godshill; St.Helens (PJC); Queens Bower, Sandown (NH).
v.c.12 - Weyhill, occ. (MJ); Crawley, f.c. (RAB); Micheldever, 8.vi.73 (CHD); Burghclere, no record until 1985, when 20 appeared at m.v.light in garden; then 73 in '86, 79 in '87 & 27 in '88 (GGE-F); Oakley, 16.vi.84, one at m.v.light (AHD); Wellington Country Park, 1986-'87 (DY).
1648. [*N. aerugula* (Hübner)] Scarce Black Arches
p.329.

1649. *Euxoa obelisca* (D.& S.) Square-spot Dart
p.329, add:
v.c.10 - Freshwater, usually f.c., but none in 1988 (SAK-J); St.Lawrence & Landslip, Sept.1980, v.c. (EHW).
1650. *E. tritici* (Linn.) White-line Dart
p.330, add:
v.c.10 - Headon Warren, 1974-'75, c. (CCS).
v.c.11 - Heaths around Brockenhurst, regularly: a very dark form (AJP); Needs Ore Nature Reserve, 14.vii.82, one at m.v.light; Winchester, 12.viii.80, one at m.v.light (DHS); Widley, 1.viii.84, one at light (PMP); Hayling Is. (JMW, 1989).
v.c.12 - Micheldever, not seen since 1965 (CHD, 1978); Burghclere, 31.vii.88, one at m.v.light, first record (GGE-F).
1651. *E. nigricans* (Linn.) Garden Dart
p.330, add:
v.c.12 - Crawley, taken every year at m.v.light in garden (RAB).
1652. [*E. cursoria* (Hufn.) Coast Dart]
p.330.
1653. *Agrotis cinerea* (D.& S.) Light Feathered Rustic
p.330, add:
v.c.10 - Freshwater, the 1956 record given in Goater (1974) remains the only one (SAK-J, 1988); Godshill, 29.v & 1.vi.78, and one or two most years since (PJC).
v.c.11 - Portsdown Hill, 17.v.80, male at m.v.light (KJW); Cosham, 1985-'86 (MTMR); Southsea, 3.vi.75, one at m.v.light (JRL); Little Butser Hill, 18.vi.76, one at m.v.light (AHD).
v.c.12 - Weyhill, 1.vi.82, one (MJ); Crawley, 10.vi.75 & 31.v.82, singletons at m.v.light (RAB); Micheldever, not seen since 1971, then 1975, three & 1976, six (CHD); Burghclere, singletons in 1984 & '86 (GGE-F, 1988).
1654. *A. vestigialis* (Hufn.) Archer's Dart
p.331, add:
v.c.10 - St. Helens, f.c. (PJC).
v.c.11 - Frame Heath, 3.viii.79, very dark female; heaths round Brockenhurst, occ. (AJP); Hayling Is. (JMW, 1989).
v.c.12 - Bordon district, c. (JWOH, 1973).
1655. *A. segetum* (D.& S.) Turnip Moth
p.331.
1656. *A. clavis* (Hufn.) Heart and Club
p.331, add:
v.c.11 - Lymington, 20.vi.88, first record (AJP).
1657. *A. exclamationis* (Linn.) Heart and Dart
p.332.
1658. *A. trux* (Hübner) Crescent Dart
p.332, add:
v.c.10 - Freshwater, c. (SAK-J, 1988); Headon Warren, 1974-'75, v.c. (CCS); St.Lawrence and Landslip, Sept.1980, v.c. (EHW).
v.c.11 - Highcliffe (EHW); Burley Inc., 19.vi.82, one (MJ); Minstead, 21.vii.74 (LWS). NEW VCR.

1659. *A. ipsilon* (Hufn.) Dark Sword Grass
p.332, add:
v.c.10 - Freshwater, 10.i.89, one at m.v.light - a very early date (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).
1660. *A. puta* (Hübner) Shuttle-shaped Dart
p.333, add:
v.c.11 - St.Ives, nr. Ringwood, 27.v.87, gynandromorph taken at m.v.light (JC).
v.c.12 - Micheldever, still increasing: 781 in 1975 (CHD); Burghclere, totals for recent years are: 1984 (264), '85 (37), '86 (5) and '87 (7), '88 (0) (GGE-F).
1661. *A. ripae* (Hübner) Sand Dart
p.333, add:
v.c.10 - Bembridge, 1980, larvae abdt. on sucker growth of *Hippophae rhamnoides* (EHW).
v.c.11 - Hayling Is., c. at light in garden, and on Sinah Common and at Sandy Point (JMW).
1662. *Actinotia polyodon* (Clerck) Purple Cloud
p.333.
1663. *Axylia putris* Linn. Flame
p.333.
1664. *Ochropleura praecox* (Linn.) Portland Moth
p.333.
1665. *O. flammata* (D.& S.) Black Collar
p.333.
1666. *O. plecta* (Linn.) Flame Shoulder
p.333, add:
v.c.12 - Micheldever, decreasing: 364 in 1975; 12-year average is 855 (CHD); Burghclere, still v.c., totals for last five years at m.v.light in garden have been: 568, 359, 545, 618 & 535 (GGE-F, 1988).
1667. *Standfussiana lucerneae* (Linn.) Northern Rustic
p.334, add:
v.c.10 - Freshwater, 17.vii.78, one (PJC); only two others since 1974, most recent 6.vii.91 (SAK-J); Compton Down, 18.vi.88, one at m.v.light (PW).
1668. *Rhyacia simulans* (Hufn.) Dotted Rustic
p.334, add:
v.c.11 - Ashurst, 28.vii.76 (Craig, 1978, *Entomologist's Rec.J.Var.* 90: 210); Sparsholt College, 3.viii.87, one aestivating indoors (AHD); Winchester College, 6.viii & 2.ix.80 (Convey, 1982, *ibid.* 94: 207); Winchester, 27.vii.81, 18.vii.84, 22.vii & 3.viii.86, 11.vii.87 singletons at m.v.light, and a few subsequently (DHS); Widley, 23.viii.86, one at m.v.light (PMP); Havant, 23.vii.82, one at actinic trap (Phillips, 1983, *ibid.* 95: 87); Hayling Is., 1.ix.86 one at m.v.light; another, Sandy Point, 27.vii.87, at m.v.light (JMW).
v.c.12 - Crawley, 14.vii.82; 14.vii.86, two; five in 1987 and three in 1988 (RAB); East Stratton, 7.vii.87, one at m.v.light (BI-J); Micheldever, 4.vii.73 (CHD); Burghclere, 1985, one at m.v.light (GGE-F); East Woodhay, one in 1987 (RJH); Oakley, 21 & 23.vi.84, singletons at m.v.light; Upper North Waltham, 27.vi.88, one at m.v.light (AHD); Froyle, 20.vii.82 (MJ).
1669. *Noctua pronuba* (Linn.) Large Yellow Underwing
p.334, add:
v.c.11 - Keyhaven, 13.vii.82, massive immigration; Highcliffe, 13.vii.82, c.3000 in cliff light trap, c.400 1200m. inland, continuing plague until 25.vii (E.H. Wild) (see

1670. *N. orbona* (Hufn.) Lunar Yellow Underwing
p.334, add:
v.c.12 - Weyhill, 7.ix.84, male at m.v.light, 8.ix.84, one female, 15.ix.84, one male, 9.vii.85 (Jordan, 1985, *Entomologist's Rec.J.Var.* 97: 215).
1671. *N. comes* (Hübner.) Lesser Yellow Underwing
p.335.
1672. *N. fimbriata* (Schr.) Broad-bordered Yellow Underwing
p.335.
1673. *N. janthe* (Borkh.) Lesser Broad-bordered Yellow Underwing
= *janthina* auctt.
p.335.
- It has been shown (Mentzer, Moberg & Fibiger, 1991, *Nota Lepid.* 14(1): 25-40) that there are three sibling species in the "*Noctua janthina*" complex. The one which occurs in Britain is *N. janthe*.
1674. *N. interjecta* (Hübner.) Least Yellow Underwing
p.335.
1675. *Spaelotis ravidia* (D.& S.) Stout Dart
p.335, add:
v.c.11 - Sparsholt, 21.vii.76, one at an actinic trap (DHS); Little Butser Hill, 11.viii.77, one at m.v.light (AHD); Southsea, 27.ix.87, one at m.v.light (JRL).
v.c.12 - Weyhill, 26.vii.82 (MJ); Old Basing, 30.vii & 21.viii.82 (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 152); Micheldever, 24.viii.69, 12.ix.71, 16.viii.73 (CHD).
1676. *Graphiphora augur* (Fabr.) Double Dart
p.336, add:
v.c.10 - Freshwater, 20.viii.86, one at m.v.light (SAK-J). NEW VCR.
v.c.11 - Sparsholt, 7.vii.76, also in 1981 & '84; Winchester, 1975-'77, a few (DHS); Emer Bog, 29.vii.78; Pitt Down, sc. (AHD); Butser Hill, 11.viii.77 (Dobson, 1978, *Entomologist's Rec.J.Var.* 90: 234); Southsea, 10.vi.82, one at m.v.light (JRL).
v.c.12 - Weyhill, f.c. (MJ); Leckford, a few each year; Winnall Moors, 1983, few at m.v.light (DHS); Crawley, one or two most years in garden m.v.trap (RAB); Burghclere, singletons at m.v.light in 1986 & '87 (GGE-F, 1988); Overton & Bramley, sc. (AHD); Bordon district, c. (JWOH, 1973).
1677. *Paradiarsia glareosa* (Esp.) Autumnal Rustic
p.336, add:
v.c.10 - Freshwater, no recent record (SAK-J, 1988); Godshill, f.c. (PJC); Landslip, Sept.1980, one, pinkish (EHW); Queens Bower, Sandown, 20.ix.81 (NH).
v.c.11 - Highcliffe (EHW); Parkhill Inc., and heath at Lyndhurst, 13.ix.78, f.c. (BG); Emery Down, f.c. (JEC); Winchester, 14.ix.78 (DHS); Cosham, 1985-'86 (MTMR).
v.c.12 - Leckford, 7.x.78, 8.x.81, 21.ix.87, a few (DHS); Crawley, 9.ix.84, female at m.v.light in garden (RAB); Burghclere, usually c., 47 at m.v.light in 1985 (GGE-F); Bordon district, f.c. (JWOH, 1973).
1678. *Lycophotia porphyrea* (D.& S.) True-lovers' Knot
p.337, add:
v.c.10 - Godshill, f.c. (PJC).
v.c.11 - Winchester, sev. every year, 1975-'88, at light in garden, although there is no heather in this calcareous neighbourhood (DHS); Hayling Is., c. on Sinah Common and at Sandy Point (JMW).

1679. *Peridroma saucia* (Hübner.) Pearly Underwing
p.337, add:
v.c.10 - Freshwater, 1.i.89, one at m.v.light - a very early date (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 186).
1680. *Diarsia mendica* (Fabr.) Ingrailed Clay
p.337.
1681. [*D. dahlia*] (Hübner.) Barred Chestnut
p.337.
1682. *D. brunnea* (D. & S.) Purple Clay
p.338.
1683. *D. rubi* (View.) Small Square-spot
p.338.
1684. [*D. florida*] (Schm.) Marsh Square-spot
p.338.
1685. *Xestia c-nigrum* (Linn.) Setaceous Hebrew Character
p.338.
1686. *X. ditrapezium* (D. & S.) Triple-spotted Clay
p.338, add:
v.c.11 - Winchester, 2.vii.75, one (DHS).
v.c.12 - Crawley, noted at m.v.light in garden most years (RAB); Burghclere, two in 1984 (GGE-F); Bramley, 1979, one at m.v.light (AHD); Lindford, 1970 & '71, singletons (JWOH).
1687. *X. triangulum* (Hufner.) Double Square-spot
p.339.
1688. *X. baja* (D. & S.) Dotted Clay
p.339, add:
v.c.11 - Emer Bog, 1980 & '83, few at m.v.light; Winchester, f.c. until 1984, but none since (DHS, 1989); Hayling Is., 21.viii.84, one at m.v.light (JMW).
v.c.12 - Weyhill, 8.viii.82 (MJ); Bramley, few (AHD).
1689. *X. rhomboidea* (Esp.) Square-spotted Clay
p.339, delete:
v.c.12 - Worthy Down, two at m.v.light, 1968 (DHS).
1690. *X. castanea* (Esp.) Neglected Rustic
p.340, add:
v.c.12 - Crawley, 6.ix.76, one at m.v.light in garden (RAB); Micheldever, reddish form, 28.viii.55, 11.ix.63 & 7.ix.72 (CHD).
1691. *X. sexstrigata* (Haw.) Six-striped Rustic
p.340, add:
v.c.10 - Headon Warren, 18.viii.73; St.Catherines Down, 28.viii.73; Brook Down, 28.viii.73 (CCS); Queens Bower, Sandown, 19.viii.69 (NH).
1692. *X. xanthographa* (D. & S.) Square-spot Rustic
p.340.
1693. *X. agathina* (Dup.) Heath Rustic
p.340, add:
v.c.10 - Chale Green, 2.ix.91, one, 11.ix.91, four (S. Colenutt).
v.c.11 - Winchester, 6.ix.77, 7.ix.78 (DHS); Wickham, 12.ix.74, one at m.v.light (JRL).

- v.c.12 - Crawley, 1976, one in garden trap (RAB); Itchen Valley, 11.ix.75 (DWHF); Micheldever, 19.ix.76 (Dixon, 1977, *Entomologist's Rec.J.Var.* 89: 12).
1694. *Naenia typica* (Linn.) Gothic
p.341, add:
- All records included:
- Common nearly everywhere (Fassnidge).
- v.c.10 - Sandown; Shanklin; East Cowes (IWG); Freshwater, occ. (KGB), 9.vii.67 (DWHF), occ. (SAK-J, 1988); Newtown district (JL); Godshill, 10.vii.86, one (PJC); Queens Bower, Sandown, 22.vii.80 (NH).
- v.c.11 - St.Ives, nr. Ringwood, 5.viii.88 (JC); Ringwood (Fowler, 1891, *Entom.* 24: 71); New Forest, 1928-'31, not unc. at sugar (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 192); Buckland, pre-1940, r. (ADT); Linford, 11.viii.68; Minstead, r. (LWS); Southampton, 3.vii.23, 10.vii.24, 10.vi.25 *ex* larva, 23.vii.29, two, 25.vii.33 & 3.vii.37 (WF coll.), c. in town centre, 1968 (DJLA), f.c. (IAW, 1970); Millbrook, 24.vi.52, one at sugar; Chandlers Ford, 22.viii.53, small specimen at m.v.light (BG); Winchester, few each year (DHS); Stanmore, Winchester, larvae f.c. each year (RAB); Bursledon, r.; Browndown Marsh, r. (IAW, 1970); Catisfield, f.c. at sugar, one bred from larva found at night on *Polyanthus* (RJD); Fareham, larvae and adults noted (G.R.Else); Titchfield Haven, 8.vii.87, one at m.v.light; Widley, 19 & 24.vii.85, 31.vii & 4.viii.87, singletons at m.v.light (PMP); Southsea, c. (Langmaid, 1959, *Entomologist's Gaz.* 10: 162), but not seen for many years until 30.vi.87, when one appeared at m.v.light (JRL); Lee-on-Solent, 1952; Rowlands Castle, occ. (FCS, 1969); Waterlooville, c. at light (Plumbly, 1971); Hayling Is. (JMW, 1977).
- v.c.12 - St.Mary Bourne, occ. (*Andover List*); Leckford, 29.vi.88, one (DHS); Wherwell, 1966, larva on *Eupatorium* (EAS); Crawley, 17.vii.87 (RAB); Itchen Valley, r., two in 1969 (DWHF); Burghclere district, sc.: this moth seems to have become scarcer everywhere recently (RS), no record in last six years (GGE-F, 1988); East Woodhay, two in 1987, not previously recorded (RJH); Pamber Forest, r. (BRB, 1970); Polehampton, 29.vii.63; Kingsley, 11.viii.66; Farringdon, 1954-'68, four only (EAS); Upton Grey, occ. (MWCT); Aldershot district, c. (Richards, 1957); Farnborough, 1969, two in a Rothamsted trap (GB); Whitehill, nr. Bordon, two only, in 1955 (DW).
1695. *Eurois occulta* (Linn.) Great Brocade
p.341, add:
- v.c.11 - Ashurst, 2.ix.76 (JCAC); Winchester, 2.viii.84, one at m.v.light (DHS).
- v.c.12 - Crawley, 15.viii.83, one at m.v.light in garden (RAB).
1696. *Anaplectoides prasina* (D.& S.) Green Arches
p.341, add:
- .c.10 - Godshill, occ., first recorded 27.vi.76 (PJC); Shanklin, 4.vii.80; Queens Bower, Sandown, 2.vii.84, female from which a series bred (NH).
- v.c.11 - Emery Down, 1978, one (JEC); Sparsholt, occ.; Emer Bog, 4.vii.79, one, 22.vi.85, a few; Chandlers Ford, July 1991, sev. at light (BG); Winchester, 1975, then most years, gradually increasing (DHS); Upham, 1975 (DWHF); Fareham, 12.vii.86, one at m.v.light (KJW).
- v.c.12 - Harewood Forest, early July 1975, f.c. (ECLS); Leckford, 9.vii.78, then a few each year, 1982-'88 (DHS); Crawley, recorded every year, and sometimes f.c. (RAB); Burghclere, usually f.c., but 56 in 1987 (GGE-F); Axmansford woods, 1987, c. (DY); East Woodhay, f.c. (RJH); South Warnborough, 1987, five in late June-early July (PR).
1697. *Cerastis rubricosa* (D.& S.) Red Chestnut
p.342.

1698. *C. leucographa* (D.& S.) White-marked
p.342, add:
v.c.11 - Winchester, 17.iv.80, one at m.v.light (DHS); East Meon, 4.iv.74, two at m.v.light (JRL).
v.c.12 - Weyhill, 27.iv.82 (MJ); Crawley, 8.v.79, only record (RAB); Martyr Worthy, 21 & 30.iv.76, singletons (DWHF); Micheldever, 6.v.75 (CHD); Burghclere, few every year, and 19 in 1987 (GGE-F); Wellington Country Park, 1986-'87; Axmansford woods, 1987 (DY); East Woodhay, five in 1987, not previously recorded (RJH); East Tisted, 26.iv.79 (DHS).
1699. *Anarta myrtili* (Linn.) Beautiful Yellow Underwing
p.342, add:
v.c.10 - Headon Warren, 7.viii.75 (CCS); Littleton Down, 9.viii.84 (JMC).
1700. *Discestra trifolii* (Hufn.) Small Nutmeg
p.342.
1701. *Hada nana* (Hufn.) The Shears
p.342, add:
v.c.10 - Freshwater, sc. (SAK-J, 1988); Cranmore, 1988, v.c.; Bouldnor, 1988, c. (PJC).
1702. *Polia bombycina* (Hufn.) Pale Shining Brown
p.343, add:
v.c.11 - Winchester, 4.vii.75, 26.vi.76 (DHS); Upham, 2.vii.75, two at m.v.light (DWHF).
v.c.12 - Leckford, 30.vi.73 (WRLG); Crawley, few (RAB); Overton, 1981, twelve at m.v.light (AHD); Lindford, 1970, one & 1971, six (JWOH).

This species seems to have vanished after 1976 (DHS, RAB).
1703. *P. hepatica* (Clerck) Silvery Arches
p.343, add:
v.c.12 - East Stratton, 17.vii.86, 28.vi.87, 30.vi.88, singletons (BI-J); Pamber Forest, 12.vi.82 (MJ); Lindford, 5 & 10.viii.71, singletons (JWOH).
1704. *P. nebulosa* (Hufn.) Grey Arches
p.343, add:
v.c.11 - Hayling Is., few at m.v.light each year (JMW).
1705. [*Pachetra sagittigera* Hufn.] Feathered Ear
p.343.
1706. *Sideridis albicolon* (Hübner) White Colon
p.344, add:
v.c.11 - Browndown, 23.vi.79, two at m.v.light (DHS); Southsea, occ. (JRL); Hayling Is., 9.vi.79, sixteen (DHS), few at m.v.light each year (JMW, 1989).
1707. *Heliophobus reticulata* (Goeze) Bordered Gothic
p.344, add:
v.c.10 - Freshwater, 1914 (Mansfield coll, *teste* SAK-J), 1956, one (SAK-J).
v.c.11 - Droxford, 7.vi.57 (JRL); Widley, 5.vii.86, 2.viii.86, singletons at m.v.light (PMP)..
v.c.12 - Micheldever, not seen since 1968 (CHD, 1976).
1708. *Mamestra brassicae* (Linn.) Cabbage Moth
p.344, add:
v.c.12 - Burghclere, only one record in recent years, one in 1986 (GGE-F); South Warnborough, a pest in 1987, with 136 at light on night of 28 June (PR).

1709. *Melanchra persicariae* (Linn.) Dot Moth
p.345.
1710. *Lacanobia contigua* (D.& S.) Beautiful Brocade
p.345, add:
v.c.10 - Godshill, 5.vii.79 (PJC); Shanklin, 20.vii.79 (JMC).
v.c.11 - Highcliffe, 2.vii.85 (EHW); Emer Bog, 4.vii.79, one (DHS); Fareham, 3.vii.87, one at m.v.light (KJW); Widley, 26.vi.86, one at m.v.light (PMP).
v.c.12 - East Stratton, 30.vi & 19.vii.88, singletons at m.v.light (BI-J); Burghclere, nine in 1986, no other record! (GGE-F, 1988); Bartley Heath Reserve, Hook, 1987, c. on wet heath (AHD); Bordon district, f.c. (JWOH, 1973).
1711. *L. w-latinum* (Hufn.) Light Brocade
p.345, add:
v.c.11 - Chandlers Ford, 9.vi.91, one at light (BG); Southsea, now v.sc. (JRL); Hayling Is., f.c. (JMW, 1989).
v.c.12 - Burghclere, few at m.v.light every year (GGE-F, 1988); Wellington Country Park, 1986-'87, four at m.v.light (DY); East Woodhay, three in 1986, five in '87 (RJH); Oakley, 7.vi.82, one at m.v.light; Overton, 1980, one in a Rothamsted trap (AHD).
1712. *L. thalassina* (Hufn.) Pale-shouldered Brocade
p.345.
1713. *L. suasa* (D.& S.) Dog's Tooth
p.345, add:
v.c.10 - Freshwater Marsh, 21.vii & 1.viii.74 (CCS).
v.c.11 - Highcliffe (EHW); Lymington & Keyhaven, regularly (AJP, 1988); Lepe Marsh (AHD); Needs Ore Nature Reserve, 14.vii.82, two at m.v.light (DHS); Titchfield Haven L.N.R., 1986-'87, few at m.v.light; Widley, 30.vii.84, one at m.v.light (PMP); Hayling Is., c. (JMW).
v.c.12 - Crawley, 17.vi.73 (RAB); East Stratton, 18.vi.88, one at m.v.light (BI-J).
1714. *L. oleracea* (Linn.) Bright-line Brown Eye
p.346.
1715. *L. blenna* (Hübner) The Stranger
p.346.
1716. *Papestra biren* (Goeze) Glaucous Shears
v.c.12 - East Stratton, 6.v.90, one at m.v.light by B. Ivon-Jones; identity confirmed by recorder (Sterling, 1991, *Entomologist's Gaz.* 42: 60).
NEW COUNTY RECORD.
1717. *Ceramica pisi* (Linn.) Broom Moth
p.346.
1718. *Hecatera bicolorata* (Hufn.) Broad-barred White
p.346.
1719. [*H. dysodea* (D.& S.) Small Ranunculus]
p.346.
1720. *Hadena rivularis* (Fabr.) The Champion
p.347.

1721. *H. perplexa* (D.& S.) Tawny Shears
p.347, add:
v.c.11 - Titchfield Haven L.N.R., 27.v & 1.vi.87, singletons at m.v.light (PMP); Portchester, occ. at m.v.light (KJW).
1722. *H. luteago* (D.& S.) Barrett's Marbled Coronet
p.347.
1723. *H. compta* (D.& S.) Varied Coronet
v.c.12 - Oakley, nr. Basingstoke, single specimens at light, 23.vi and 12.vii.83 (AHD). See Goater (1983).
add:
v.c.11 - Martin Down, 5.vii.87, one at m.v.light (Cook, 1988, *Entomologist's Rec.J.Var.* 100: 93); Chandlers Ford, 7.vii.91, one at light (BG); Winchester, 24.vii.84, male at m.v.light in garden, first record for v.c.11 (Sterling, 1985, *ibid.* 97: 58). Since 1984, the species has become commoner each year around Winchester, and larvae are to be found on garden sweet williams; still increasing 1990 & '91 (DHS). NEW VCR.
v.c.12 - Crawley, two bred in 1987 from larvae collected in garden in 1986; July, 1988, one at m.v.light; Winchester, 1988, many bred (RAB); East Stratton, 6.vii & 18.vii.86, 3.vii.87, 26.vi.88 (BI-J); Clatford, 2.vii.91, one at m.v.light (AHD); Burghclere, first recorded in 1985, with five at m.v.light; then in small numbers every year (GGE-F, 1988); East Woodhay, one in 1985, two in '86, none in '87 (RJH); Basingstoke, 16.vii.88, female at rest on garage wall (AHD).
1724. *H. confusa* (Hufn.) Marbled Coronet
p.347, add:
v.c.11 - Sparsholt, 5.vii.80, one; Winchester, one or two most years, 1976-'85; Browdown, 20.vi.78, 23.vi.79, a few (DHS); Droxford, f.c.; Southsea, f.c. (JRL); Portchester, 10.vii.77, one at m.v.light (KJW); Widley, one or two at m.v.light each year (PMP); Cosham, 1985-'86 (MTMR); Hayling Is., f.c. (JMW, 1989).
v.c.12 - Crawley, 8 & 16.vi.73, and at least one each year since (RAB); Overton, 1981, four at m.v.light (AHD); Old Basing, 4.vii.83 (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 152).
1725. *H. albinacula* (Borkh.) White Spot
p.347, add:
v.c.11 - There is no reason to doubt this species still occurs in its one known Hampshire locality, though the most recent records to hand are of a female at m.v.light on 4.vii.75, by R.J.Dickson, and 20.vi.78, two and 23.vi.79, eight, by D.H. Sterling.
1726. *H. bicruris* (Hufn.) The Lychnis
p.347.
1727. *Cerapteryx graminis* (Linn.) Antler Moth
p.348.
1728. *Tholera cespitis* (D.& S.) Hedge Rustic
p.348, add:
v.c.10 - Freshwater, sc. (SAK-J, 1988); Landslip, Sept.1980, f.c. (EHW); Godshell, occ.(PJC).
v.c.11 - Winchester, few nearly every year, 1975-'88 (DHS); Southsea, f.c. up to 1961, but seen only once since, on 26.viii.76 (JRL); Hayling Is., few each year (JMW).
v.c.12 - Burghclere, evidently decreasing in recent years - 1984(164), '85(49), '86(40) and '87(9) (GGE-F).

1729. *T. decimalis* (Poda) Feathered Gothic
p.348.
1730. *Panolis flammea* (D.& S.) Pine Beauty
p.348.
1731. *Orthosia cruda* (D.& S.) Small Quaker
p.348.
1732. *O. miniosa* (D.& S.) Blossom Underwing
p.349, add:
v.c.11 - Winchester, four only in garden trap between 1975 & '88 (DHS).
v.c.12 - Crawley, occ. (RAB); East Stratton, three in 1988 (BI-J); Burghclere, a few every year since 1984, and 12 in 1988, but not recorded previously (GGE-F); Pamber Forest, f.c. (RAB).
1733. *O. opima* (Hüb.) Northern Drab
p.349, add:
v.c.10 - Freshwater, no recent record (SAK-J, 1988).
v.c.11 - Minstead, 1976, one (Siggs, 1977, *Entomologist's Rec.J.Var.* 89: 175); Crab Wood, a strong colony (RAB); Sparsholt College, 24.iv.91, one at m.v.light (AHD); Teg Down, Winchester, c.; Winchester, up to ten per year in garden trap (DHS); Hayling Is., 18.iv.77 (JMW).
v.c.12 - Weyhill, 27.iv.82 (MJ); Crawley, few at m.v.light every year (RAB); East Stratton, 8.v.88, two at m.v.light (BI-J); Burghclere, three in 1984, no other record (GGE-F).
1734. *O. populeti* (Fabr.) Lead-coloured Drab
p.349, add:
v.c.10 - Godshill, v.occ. (PJC).
v.c.11 - St.Ives, nr. Ringwood, 4.iv.88, male at m.v.light (JC); Highcliffe (EHW); Lymington, Apr.1979, one female, few each year to 1986, not seen since (AJP); Emery Down, 19 & 21.iv.79 (JEC); Crab Wood, f.c. (RAB, 1988); Silkstead, 27.iii.76, female & two males at m.v.light; Chandlers Ford, 13.iv.80, three at m.v.light (BG).
v.c.12 - Harewood Forest, 3.iv.82 (MJ); Crawley, v.occ. at m.v.light in garden (RAB); East Stratton, 18.iv.88, one at m.v.light (BI-J); Micheldever, One in 1975, first since 1965 (CHD); Burghclere, sc. (GGE-F, 1987); East Woodhay, two in 1986 (RJH).
1735. *O. gracilis* (D.& S.) Powdered Quaker
p.350.
1736. *O. cerasi* (Fabr.) Common Quaker
= *stabilis* (D.& S.)
p.350.
1737. *O. incerta* (Hufn.) Clouded Drab
p.350.
1738. *O. munda* (D.& S.) Twin-spotted Quaker
p.350.
1739. *O. gothica* (Linn.) Hebrew Character
p.350.
1740. *Mythimna turca* (Linn.) Double Line
p.351, add:
v.c.11 - Emer Bog, 29.vii.78, one at m.v.light (AHD).
v.c.12 - Bordon district, r. (JWOH, 1973).

1741. *M. conigera* (D.& S.) Brown Line Bright Eye
p.351.
1742. *M. ferrago* (Fabr.) Clay
p.351, add:
v.c.11 - Brockenhurst, 28.vi.76, bilateral gynandromorph (Russwurm & Middleton, *Proc.Brit.ent.nat.Hist.Soc.*, 1977, 10: 5).
1743. *M. albipuncta* (D.& S.) White Point
p.351, add:
v.c.10 - St.Lawrence, 10.ix.80, one at light (EHW); Freshwater, 25.viii & 3.ix.88, at m.v.light (SAK-J). During 1991, 15 were taken at Chale Green (S. Colenutt), two at Freshwater (SAK-J) and one at Porchfield, 11.vii (D. Wooldridge).
v.c.11 - Highcliffe, singletons in 1989 & 1990 (EHW); Lymington, 8.ix.79 (AJP); Minstead, 1977, one (Siggs, 1978, *Entomologist's Rec.J.Var.* 90: 154); Ashurst, 18.viii.76 (JCAC); Southsea, 7.x.79, 23.ix.80, 17.ix & 1.x.88 (JRL); Hayling Is., 23.viii.76, two & 23.ix.80 (JMW).
1744. *M. vitellina* (Hübner.) Delicate
p.352, add:
v.c.12 - Leckford, 12.x.85, one at m.v.light (DHS); Crawley, 18.vii & 5.x.88, single males at m.v.light (RAB); East Stratton, 24.ix.87, one at m.v.light (BI-J); Martyr Worthy, 24.v.76 (DWHF); Burghclere, 16.ix.83 (GGE-F); Weyhill, 23.viii.82 (MJ).
- Recorded more frequently in v.c.'s 10 & 11.
1745. *M. pudorina* (D.& S.) Striped Wainscot
p.352, add:
v.c.11 - Burley Street, 26.vi.82, six (MJ); Emery Down, a few (JEC); Emer Bog, 4.vii.79, a few at m.v.light; Winchester, singletons, 26 & 29.vi.76 and 9.vi & 3.viii.82 (DHS).
v.c.12 - Leckford, f.c.; Winnall Moors Nature Reserve, 6.vii.83, a few at m.v.light (DHS); East Stratton, 2.vii.87, one (BI-J); Burghclere, sc. (GGE-F, 1988); East Woodhay, one in 1987 (RJH); Bartley Heath Reserve, Hook, 1987, c. on wet heath (AHD).
1746. *M. straminea* (Treits.) Southern Wainscot
p.353, add:
v.c.10 - South of Yarmouth, 22 & 28.vii.74; Freshwater Marsh, 21.vii.74 (CCS).
v.c.11 - Emer Bog, recorded regularly; Winchester, occ. at light in garden (DHS); Widley, three in Aug.1984, at m.v.light, none since (PMP); Cosham, 1985-'86 (MTMR); Hayling Is., few each year (JMW).
v.c.12 - Leckford, f.c., but numbers variable from year to year; Winnall Moors Nature Reserve, occurs (DHS); East Stratton, 25.vi.88, one at m.v.light (BI-J).
1747. *M. impura* (Hübner.) Smoky Wainscot
p.353.
1748. *M. pallens* (Linn.) Common Wainscot
p.353.
1749. *M. favicolor* (Barr.) Mathew's Wainscot
p.353, add:
v.c.10 - Freshwater, 4.ix.89, one at m.v.light (SAK-J).
v.c.11 - Highcliffe, 2.viii.84, one at m.v.light (EHW); Lymington, 14.viii.76, 10.ix.79; Keyhaven, occ. (AJP); Needs Ore Nature Reserve, 9-10.vii.83, eleven (WCNHS Report), 14.vii.82, five (DHS); Sparsholt College, 6.vii.88, one at m.v.light (AHD); Sandy Point, Hayling Is., July 1987 (JMW).

1750. *M. litoralis* (Curt.) Shore Wainscot
p.353.
1751. *M. l-album* (Linn.) White-L Wainscot
p.354, CORRECTION:
line 4, for Otherwise, read Otherwise
add:
v.c.10 - Freshwater, now.c. (SAK-J, 1991); Ventnor Botanic Gardens, 9.x.82 (JMC); Godshell, 15.x.77, two; Shanklin Chine, 14.x.77, three (PJC); Chale Green, c. (S. Colenutt, 1991, comm.SAK-J).
v.c.11 - Highcliffe (EHW); Lymington, 19.vii.88, one at m.v.light (AJP); Titchfield Haven, 14.x.86, one at m.v.light (PMP); Southsea, 2.x.79, 2.x.90, 10.vii.91, singletons at m.v.light (JRL); Hayling Is., 4.xi.77, 9.x.78, two & 12.x.78, few each year since (JMW).
v.c.12 - Crawley, 10.x.85, female at m.v.light (RAB). NEW VCR.
1752. *M. unipuncta* (Haw.) White Speck
p.354, add:
v.c.10 - Freshwater, 10.xi.78 (Bretherton & Chalmers-Hunt, 1979, *Entomologist's Rec.J.Var.* 91: 91).
v.c.11 - Highcliffe, 20.ix - 3.x.81, five at m.v.light (Wild, 1981, *Entomologist's Rec.J.Var.* 93: 202); Lymington, 1978, sev., one or two in 1979 & '80 (AJP); Emery Down, 1978, seven (JEC); Ashurst, 1978, six (Craik, 1979, *ibid.* 91: 135); Southsea, 6-22.xi.78, twenty-two at m.v.light: recorded only twice previously (Langmaid, 1979, *ibid.* 91: 77); Hayling Is., 13.x - 5.xii.78, a total of 95 at m.v.light; 27.ix - 9.x.81, five, and 22.viii, 28.ix and 18 & 28.x.82 (JMW).
Further details of the 1978 immigration into Hampshire and elsewhere are given by Bretherton & Chalmers-Hunt (*loc.cit.*), and include Winchester, 10.xi., Titchfield Haven, c.12 between 1 & 24.xi. and Petersfield (?v.c.), 4.ix.
v.c.12 - Crawley, 8.xi.85 (RAB).
1753. *M. obsoleta* (Hübner.) Obscure Wainscot
p.354, add:
v.c.11 - Lymington Marshes, quite common (AJP, 1988); Ashurst, 1978, two (Craik, 1979, *Entomologist's Rec.J.Var.* 91: 136); Emer Bog (RAB); Winchester, 2.vii.78, 1.vi.82, 8.vii.87, singletons at m.v.light in garden (DHS).
v.c.12 - Leckford, f.c.; Winnall Moors Nature Reserve, 6.vii.83, a few (DHS); Crawley, two records only, at m.v.light in garden (RAB); East Stratton, 28.vi.88, one at m.v.light (BI-J); Burghclere, 20.vi.84 (GGE-F).
1754. *M. comma* (Linn.) Shoulder-striped Wainscot
p.355.
1755. *M. putrescens* (Hübner.) Devonshire Wainscot
p.355.
1756. *M. loreyi* (Dup.) Cosmopolitan
p.355, add:
v.c.10 - Freshwater, 29.x and 8 & 12.xi.88, at m.v.light (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 93). NEW VCR.
v.c.11 - Hayling Is., 15.viii.83 & 10.vii.86, the latter a female which laid infertile eggs (JMW) (see Bretherton & Chalmers-Hunt, 1987, *Entomologist's Rec.J.Var.* 99: 248).
v.c.12 - Crawley, 12.x.85, female at m.v.light (RAB); Colley Close, Winchester, 28.viii.83, at m.v.light (WCNHS Report).

1757. *Senta flammea* (Curt.) Flame Wainscot
p.355, add:
v.c.10 - Shanklin, 7.vi.71, male at m.v.light, and 10.vi.75, female (Fearnehough, 1975, *Entomologist's Rec.J.Var.* 87: 212). NEW VCR.
1758. *Cucullia absinthii* (Linn.) Wormwood Shark
p.355, add:
v.c.11 - Winchester, 31.vii.78, one at m.v.light (DHS); Portchester, 7.vii.77, one at m.v.light (KJW). These are the only records received since those given by Goater (1974).
1759. *C. chamomillae* (D.& S.) Chamomile Shark
p.355, add:
v.c.10 - Godshill, occ. (PJC); Shanklin, 8.vi.82 (JMC).
v.c.11 - Highcliffe, 25.v.85, one at m.v.light (EHW); Lymington, recorded most years at light, and larvae fairly easy to find (AJP); Winchester, 1975 (DHS); Droxford, f.c.; Southsea, f.c. (JRL); Widley, 27.iv & 29.v.87, singletons at m.v.light (PMP); Cosham, 1985-'86 (MTMR); Hayling Is., f.c. at m.v.light (JMW).
v.c.12 - Leckford, 9.v.79, one (DHS); Crawley, usually sc. but three on 29.iv.87 and one on 28.iv.88 (RAB); South Warnborough, 1987, two in May (PR).
1760. *C. umbratica* (Linn.) The Shark
p.356.
1761. *C. asteris* (D.& S.) Star-wort
p.356, add:

All records are given below; this is a species that seems to have decreased.

Pre-1974 records:

- v.c.10 - Freshwater (Jeffery, *Proc.loWNHS*, 1928), 2.viii.73, one (SAK-J).
v.c.11 - Chandlers Ford, f.c.; Romsey; Hayling Is. (Fassnidge).
New Milton, 1968, two (MDN); Bashley, mid-July 1969, four singletons at m.v.light (LKE); New Forest, 1928-'31, few larvae one year only (Pitman, 1963, *Entomologist's Rec.J.Var.* 75: 194); Sandydown occ. (RWW, 1970); Sway, 1968, one (ADT); Minstead, 1963, two at m.v.light - the first recorded; two more in 1964 (LWS); Eling, 2.ix.80, one larva on sea aster; Winchester, 26.vii.80, one at m.v.light (DHS); Redbridge (AHS, 1930); Southampton, 1969, one (DJLA); Baddesley Great Covert, 1924, larvae (Fassnidge, 1924, *Trans. Hants Ent.Soc.* 1: 27); Chandlers Ford, June 1944 & 23.vii.52, the only specimens ever seen (BG); Botley Wood (by implication), 27.vii.41, larvae v.c. (Jackson, 1945, *Entom.* 78: 41); Catisfield, 27.vi.69, one at m.v.light (RJD); Portchester, 4.vii.77, one at m.v.light (KJW); Rowlands Castle, few each year (FCS, 1970); Waterlooville, 3.viii.63, two (JRL); Petersfield (?v.c.) (Robinson, 1877, *Entom.* 10: 303).
v.c.12 - Whitehill, nr.Bordon, 1951, one (DW).

Post-1974 records:

- v.c.11 - Lymington, sea wall, Aug.1980, larvae on sea aster (AJP); Emery Down, 1979, one (JEC); Ashurst, 24.viii.76 (JCAC); Wickham, Havant Thicket & Waterlooville, 1980's, larvae f.c. on *Solidago* (JRL); Widley, 27.vii.84, 17 & 25.vii.85, 16.vii.86, singletons at m.v.light (PMP); Hayling Is., larvae v.c. on sea aster, moths occ. at m.v.light (JMW).
1762. *C. gnaphalii* (Hübner) Cudweed
p.356.
1763. *C. lychnitis* (Ramb.) Striped Lychnis
p.356, add:
v.c.11 - Stockbridge, 31.vii.91, five small larvae along old railway track (PW, BG).

- v.c.12 - Littleton, 31.vii.91, a few large larvae; Abbots Worthy, larvae abundant and of all sizes, up to 40 per plant; Alresford, few larvae; Ropley, few larvae (PW, BG).
1764. [*C. scrophulariae* (D.& S.) Water Betony]
p.357.
1765. *C. verbasci* (Linn.) Mullein Shark
p.357, add:
v.c.11 - Highcliffe, 1988, larvae c. on cliffs (EHW); Woodley, nr. Romsey, 1977, larvae on *Buddleia* (AHD); Hayling Is., f.c. (JMW).
v.c.12 - Itchen Valley, 18.vi.75, many larvae on *B. davidii*; also in 1976, when one was found on *B. globosa* (DWHF).
1766. *Calophasia lunula* (Hufn.) Toadflax Brocade
p.357.
1767. *Brachylomia (Cleoceris) viminalis* (Fabr.) Minor Shoulder Knot
p.357, add:
v.c.10 - Godshill, f.c. (PJC).
1768. *Leucochlaena oditis* (Hübner.) Beautiful Gothic
p.357, add:
v.c.10 - Landslip, 6.ix.80, one (EHW).
1769. *Brachionycha sphinx* (Hufn.) Sprawler
p.357.
1770. *Dasypolia templi* (Thunb.) Brindled Ochre
p.357, add:
v.c.10 - Freshwater, now sc. (SAK-J, 1988), 10.x.86, one (PJC).
v.c.11 - Lymington, 20.x.77 (AJP); Emery Down, 27.x.79 (JEC).
1771. *Aporophyla australis* (Boisd.) Feathered Brindle
p.358, add:
v.c.11 - Southsea, 20.ix.88, one at m.v.light (JRL). NEW VCR, and the first record for the Hampshire mainland.
1772. *A. lutulenta* (D.& S.) Deep-brown Dart
p.358, add:
v.c.10 - Freshwater, no recent record (SAK-J, 1988); St.Lawrence, Sept.1980, two (EHW).
v.c.11 - Emery Down, 23.ix.79 (JEC); Ashurst, few each year, 20 in 1978 (JCAC); Winchester, 29.ix.81, one at m.v.light (DHS); Titchfield Haven, seven at light in autumns of 1986 & '87; Widley, occ. (PMP); Southsea, 17.ix.85, 1.x.87, singletons at m.v.light (JRL); Hayling Is., 30.ix.86, one at m.v.light (JMW).
v.c.12 - Weyhill, 1982, few (MJ); Burghclere, sc. (GGE-F, 1988).
1773. *A. nigra* (Haw.) Black Rustic
p.359, add:
v.c.12 - Weyhill, c. and increasing, up to 50 some nights at m.v.light (MJ, 1987); Leckford, c. (DHS); Crawley, c. (RAB); Burghclere, now c. (GGE-F, 1988); East Woodhay, up to seven each year, 1985-'87 (RJH).
1774. *Lithomoia solidaginis* (Hübner.) Golden-rod Brindle
p.359.
1775. *Lithophane semibrunnea* (Haw.) Tawny Pinion
p.359, add:
v.c.10 - Freshwater, no recent record (SAK-J, 1988); Godshill, 7.iii.78, found hiber-

- nating in an old gipsy caravan (PJC).
- v.c.11 - Lymington 2.x.76, only record (AJP); Chandlers Ford, 28.iii.91, one at light (BG); Winchester, 21.v.75, 10.v.78, 23.iv.80, 5.x.82, 31.iii.84, 7.iv.87 and a few on subsequent days (DHS); Southsea, 20.x.88, one at m.v.light (JRL); Cosham, 1985-'86 (MTMR); Hayling Is., 7.iv.87, one at m.v.light (JMW).
- v.c.12 - Weyhill, 18.iv & 17.v.82 (MJ); Crawley, taken every year in autumn and spring at m.v.light in garden (RAB, 1988); Burghclere, singletons in 1985 & '86 (GGE-F, 1988).
1776. *L. socia* (Hufn.) Pale Pinion
p.359, add the following recent records:
- v.c.10 - Freshwater, no recent record (SAK-J, 1988); Godshill, 24.v.77 (PJC); Chale Green, 9 & 11.x.91 (S. Colenutt, comm.SAK-J).
- v.c.11 - Emery Down, 1979, three; Wilverley, 9.iv.80; Perrywood Haseley, 10.iv.80, two; Clayhill Heath, 14.iv.80; all at sallow bloom (JEC); Matley Bog, 28.iv.87 (JC); Sparsholt, 26.x.76, 27.iii.78, singletons (DHS); Chandlers Ford, 7 & 28.iii.91, singletons at light (BG); Portchester, 14.iv.80, one at m.v.light; Knowle Woods, 12.x.86, one at m.v.light (KJW); Hayling Is., 18.iii.77 and 29.iii & 6.iv.78, and a few each subsequent year (JMW).
- v.c.12 - Weyhill, 26.iii.81, 12.v.82, 15.iv.83 (MJ); Leckford, 3.xi.78, 5.v.88, singletons; 6.vii.81, one larva on *Alnus*, moth bred (DHS); Crawley, like the preceding species, taken every year in autumn and spring at m.v.light (RAB); Micheldever, 8.iv.71, 28.iii.74 (CHD); Burghclere, May 1983 & Oct.1984; seven in 1986, two in '87, five in spring 1989; Ecchinswell, May.1980 (GGE-F); East Woodhay, one in 1986, two in '87 (RJH).
1777. *L. ornitopus* (Hufn.) Grey Shoulder Knot
p.360, add:
- This species has shown a marked recovery in southern England during the last fifteen years.
- v.c.10 - Queens Bower, Sandown, 22.xi.70, 28.x.71 (NH).
- v.c.11 - Emery Down, 1978, ten & 1979, eight (JEC); Chandlers Ford, sev. in spring & autumn, 1991 (BG); Cosham, 1985-'86 (MTMR); Hayling Is., few each year (JMW).
- v.c.12 - Weyhill, 26.iii & 13.iv.82 (MJ); Crawley, 1972-'75, f.c., then absent until 1979, when one appeared; 14 in 1982 (RAB); Burghclere, occ. (GGE-F, 1988).
1778. *L. leautieri* (Boisd.) Blair's Shoulder Knot
p.360, add:
- v.c.10 - Now f.c. in many localities on the Isle of Wight (PJC, 1983).
- v.c.11 - Highcliffe (EHW); Emery Down, 1978, thirty, 1979, nine (JEC); Gritnam Wood, 24.x.77; now c.: 59 in 1976 (LWS); Ashurst, c. (JCAC); Sparsholt College, 1986 and 1988, frequent at m.v.light (AHD); Winchester, Oct.1976, six, now regular and has become the commonest autumn moth! (DHS); Chandlers Ford, f.c. (BG, 1987); Titchfield Haven L.N.R., Oct.1986, 43 at m.v.light; Widley, c. (PMP); Cosham, 1985-'86 (MTMR); Southsea, c. (JRL); Hayling Is., c.: 23 in 1976, 110 in 1977 & 84 in 1978, 6.x.85, 50 in one night! (JMW).
- v.c.12 - Weyhill, 4.xi.81, two (MJ); Crawley, 2.xi.73, now seen every year (RAB); Danebury, 30.x.78, imago found at rest on *Juniperus*; Bramley Frith Wood, 1988, one at m.v.light (AHD); Burghclere, Oct.1983 & one to three each year subsequently, & six in 1988 (GGE-F); Old Basing, 2 & 9.x.82, 30.ix & 5.xi.83 (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 152); East Woodhay, one in 1985, two in 1986 & '87 (RJH); Lindford, 24.x.70 (JWOH).

1779. *Xylena vetusta* (Hübner.) Red Sword Grass
p.360, add:
v.c.11 - St.Ives, nr. Ringwood, 1988; Highcliffe, 26.x.88, one at m.v.light (EHW); New Forest, singletons most years; once in garden at Lymington (AJP); St.Ives, 29.x.88; Matley Bog, 28.iv.87, two to actinic tube (JC); New Forest, 1.iv.75, three at light (Brown, 1976, *Entomologist's Rec.J.Var.* 88: 73); White Moor, 14 & 16.iv.80, at sallow (JEC); Vales Moor, 14.iv.80, one at sallow (BG); Minstead, 1975, one (LWS); Brockenhurst, 5.xi.76 (AJP); Ashurst, 13.x.76 (JCAC); Puttles Bridge, New Forest, one or two larvae each year, on damp heath (AHD); Silkstead, 27.iii.76, one at m.v.light (BG).
v.c.12 - Crawley, 28.iv.73 (RAB); East Stratton, 7.xi.88 (BI-J); Micheldever, 23.iii & 1.iv.74 (CHD).
1780. *X. exsoleta* (Linn.) Sword Grass
p.361, add:
v.c.10 - Freshwater, 7.x.78, one at sugar (PJC).
v.c.12 - East Stratton, 20.vi.30, one larva found by the late C. Strange, moth bred Sept.1930 (CHD).
1781. *Xylocampa areola* (Esp.) Early Grey
p.361.
1782. *Allophytes oxyacanthae* (Linn.) Green-brindled Crescent
p.361.
1783. *Dichonia aprilina* (Linn.) Merveille du Jour
p.362, add:
v.c.10 - Godshill, occ.; Shanklin Chine, f.c.; America Woods, f.c. (PJC); Queens Bower, Sandown, 1.xi.85 (NH).
v.c.11 - Chandlers Ford, Oct. 1991, f.c. at light (BG).
1784. *Dryobotodes eremita* (Fabr.) Brindled Green
p.362.
1785. *Blepharita adusta* (Esp.) Dark Brocade
p.362.
1786. *Trigonophora flammea* (Esp.) Flame Brocade
p.362.
1787. *Polymixis flavicincta* (D.& S.) Large Ranunculus
p.363, add:
v.c.10 - Queens Bower, Sandown, 18.x.80, 13.x.81 (NH).
v.c.11 - Portchester, 9.x.82, one at m.v.light (KJW); Widley, 10.x.85, one at m.v.light (PMP); Southsea, 28.ix.89, one at m.v.light (JRL); Hayling Is., 1.x.83, 5.x.83, two (JMW).
v.c.12 - Crawley, 10.x.79, female at light, from which a series was bred, & 28.ix.80, one male (RAB); East Stratton, 27.ix.86, one at m.v.light, and small numbers in 1987 & '88 (BI-J); Itchen Valley, 25 & 30.ix.75, singletons at m.v.light (DWHF); Micheldever, 26.ix.76 (CHD); Burghclere, occ. (GGE-F, 1988); East Woodhay, up to three each year, 1985-'87 (RJH); Oakley, 1980, one at house lights; Overton, 1981, three at m.v.light (AHD); Lindford, 24.ix.71, 6.x.72 (JWOH).
1788. [*Antitype chi* (Linn.) Grey Chi]
p.363.
1789. *Eumichtis lichenea* (Hübner.) Feathered Ranunculus
p.363, add:
v.c.11 - St.Ives, nr. Ringwood, 6.x.87 (JC); Highcliffe (EHW); Lymington, 10 &

14.ix.81, single males at m.v.light, becoming commoner each year, and c.50 in 1988 (AJP); Emery Down, 30.x.79, one (JEC); Ashurst, 15.x.77, male at m.v.light (JCAC); Winchester, 24.ix.80, one at m.v.light (DHS); Titchfield Haven, 29-30.ix.75, two at m.v.light (Dickson, 1976, *Entomologist's Rec.J.Var.* 88: 112), common in this locality in autumns of 1986 & '87, at m.v.light; Portchester, 14.x.78, one at m.v.light (KJW); Widley, 7.x.85, one at m.v.light (PMP); Southsea, Oct.1978, since when it has been f.c. (JRL); Hayling Is., 15.x.76 and 5, 7 & 15.x.77, at m.v.light (JMW).

The species seems to have become established on the south Hampshire coast. The form is quite unlike the silvery one from the Chalk of the Isle of Wight, and one wonders whence it originated.

v.c.12 - Crawley, 28.ix.81, male at m.v.light (RAB); Martyr Worthy, 3.x.76, one at m.v.light (DWHF); Micheldever, 27.ix.76 (CHD). NEW VCR.

1790. *Eupsilia transversa* (Hufn.) Satellite
p.364.
1791. *Jodia croceago* (D.& S.) Orange Upperwing
p.364.
1792. *Conistra vaccinii* (Linn.) Chestnut
p.364.
1793. *C. ligula* (Esp.) Dark Chestnut
p.364, add:
v.c.10 - Shanklin, 9.ii.80; Queens Bower, Sandown, 13.x.79 (JMC).
v.c.11 - Highcliffe (EHW); Lymington, 20.x.77, 1.x.78, 1.x.79, 2.xi.87 (AJP); Woodley, nr. Romsey, 7.xi.72, three at ivy bloom (AHD); Sparsholt, occ.; Winchester, occ. (DHS); Swanmore, 1972, one bred; Southsea, 1.xi.87, one at m.v.light (JRL).
v.c.12 - Crawley, unc. at garden m.v.light; female taken on 31.x.87 laid infertile eggs on 24 & 28.ii.88, and died on 24.iii.88 (RAB); Burghclere, two in 1983, not seen again until '88, one (GGE-F).
1794. *C. rubiginea* (D.& S.) Dotted Chestnut
p.365, add:
v.c.10 - Freshwater, four in spring of 1991 (SAK-J).
v.c.11 - Lymington, 7.v.83, wild larva found on apple (Pickles, 1983, *Entomologist's Rec.J.Var.* 95: 231), moth found most years at Lymington and Brockenhurst; Boldre, 17.xi.79 (AJP); Emery Down, 30.iii.79 (JEC); Minstead, 27.iii.76 (LWS); Ashurst, 25.iii & 11.iv.77; 1978, one & 1979, three (JCAC); Winchester, 23.iii.77, at m.v.light (Sterling, 1977, *ibid.* 89: 315), others, 9.v.88 & 1.iv.91 (DHS).
v.c.12 - Crawley, 28.iii.82, male at m.v.light (RAB); Martyr Worthy, 26.iii.76, one at m.v.light (DWHF); Micheldever, 27.iv.73, one at m.v.light (CHD); Bordon district, 1.iv.71, one at light, and 25.x.72, sev. at ivy bloom (JWOH).
1795. *C. erythrocephala* (D.& S.) Red-headed Chestnut
p.365.
1796. *Agrochola circumcellaris* (Hufn.) Brick
p.365.
1797. *A. lota* (Clerck) Red-line Quaker
p.366.
1798. *A. macilenta* (Hübner) Yellow-line Quaker
p.366.

1799. *A. helvola* (Linn.) Flounced Chestnut
p.366, add:
v.c.10 - Godshill, f.c. (PJC); Queens Bower, Sandown, 2.x.70, 1.x.81 (NH).
v.c.12 - East Stratton, 19.x.88, one at m.v.light (BI-J).
- Something seems to have happened to this species in mainland Hampshire; DHS writes, "A singleton at Parkhill, New Forest, on 30.x.78, and another at Leckford on 15.x.78 are my last Hampshire records of this species", and RAB reports that he has not seen it in his garden for the last five years, when once it used to be of regular occurrence.
1800. *A. litura* (Linn.) Brown-spot Pinion
p.366, add:
v.c.10 - According to the experience of Mr.P.J.Cramp, this species really is scarce on the Isle of Wight: he reports one in six years recording; Queens Bower, Sandown, 16.x.85 (NH).
1801. *A. lychnidis* (Hübner.) Beaded Chestnut
p.366.
1802. *Parastichtis suspecta* (Hübner.) Suspected
p.366, add:
v.c.11 - Highcliffe (EHW); Lymington, 15.vii.80; Brockenhurst heaths, occ (AJP, 1988); Emery Down, f.c. (JEC); Mallard Wood, 3.vii.82 (MJ); Emer Bog, a few; Winchester, occ. (DHS); Chandlers Ford, a few at m.v.light in Aug., 1991 (BG); Southsea, occ.; Havant Thicket, c. (JRL).
v.c.12 - Harewood Forest, 2.viii.80, two at m.v.light (DHS); Burghclere, sc. (GGE-F, 1988); Wellington Country Park, 1986-'87 (DY); East Woodhay, two in 1987 (RJH); Bartley Heath Reserve, Hook, 1987, f.c. (AHD).
1803. *Atethmia centrargo* (Haw.) Centre-barred Sallow
p.367, add:
v.c.10 - St.Lawrence, Sept.1980, c. (EHW); Godshill, occ.(PJC); Shanklin, Locks Farm (JMC).
1804. *Omphaloscelis lunosa* (Haw.) Lunar Underwing
p.367.
1805. *Xanthia citrargo* (Linn.) Orange Sallow
p.367, add:
v.c.11 - Lymington, 1977 & '78, larvae abdt. (AJP); Titchfield Haven, 30.ix.86, one at m.v.light, a long way from any lime (PMP); Fareham, few each year (KJW).
v.c.12 - Crawley, larvae f.c., although moth is rare at light (RAB); Burghclere, occ. at m.v.light (GGE-F, 1988).
1806. *X. aurago* (D.& S.) Barred Sallow
p.367, add:
v.c.10 - Freshwater, sc. (SAK-J, 1988).
v.c.12 - Micheldever, 1973, 246 recorded in m.v.light trap, and 197 in 1974 (CHD); Burghclere, f.c. (GGE-F, 1988); East Woodhay, two in 1986, three in '87 (RJH).
1807. *X. togata* (Esp.) Pink-barred Sallow
p.368.
1808. *X. icteritia* (Hufn.) Sallow
p.368.

1809. *X. gilvago* (D.& S.) Dusky-lemon Sallow
p.368, add:
v.c.11 - Ashurst, 1978, one (Craik, 1979, *Entomologist's Rec.J.Var.* 91: 136); Winchester, 16.ix.76, one at m.v.light (DHS); Southsea, 26.ix.87, the first for 26 years (JRL); Hayling Is., 4.x.77 (JMW), 24.ix.82, two (DHS).
v.c.12 - Crawley, three only at garden m.v.light trap in 17 years, and not recently, although wych elm is surviving (RAB, 1988); East Stratton, 5 & 20.viii.68, not again until 12.x.85 (BI-J).
1810. *Colocasia coryli* (Linn.) Nut-tree Tussock
p.400, add:
v.c.10 - Godshell, f.c. (PJC), and Queens Bower, Sandown, 26.iv.84 (NH), are only the second and third records for the Isle of Wight.
1811. *Moma alpium* (Osb.) Scarce Merveille du Jour
p.369, add:
v.c.11 - Wickham, f.c. (JRL); West Walk, 27 & 28.vi.87, singles at m.v.light (KJW).
1812. *Acronicta megacephala* (D.& S.) Poplar Grey
p.369.
1813. *A. aceris* (Linn.) Sycamore Moth
p.369.
1814. *A. leporina* (Linn.) Miller
p.369.
1815. *A.alni* (Linn.) Alder Moth
p.369, add:
v.c.10 - Bouldnor, 21.vi.88, eight seen (PJC, PW). First Island record since 1930 (BG).
v.c.11 - New Forest, frequent in southern parts (AJP, 1988); Emery Down, 1979, twenty-four (JEC); Winchester, few every year, 1975-'88 (DHS); Wickham, sc. (JRL); Upham, 1975, f.c. (DWHF); Widley, 14.vi.87, one at m.v.light (PMP); Cosham, 1985-'86 (MTMR); Hayling Is., 24.vi.86, one at m.v.light (JMW).
v.c.12 - Harewood Forest, 4.vii.81, two; Hawkins Wood, 2.vi.82; Weyhill, 11.vi & 3.vii.81 (MJ); Leckford, 18.viii.79, larva on *Alnus*, moth bred, 24.v.88, one at m.v.light (DHS); Crawley, 1975, three, then every year, including melanic specimens (RAB); East Stratton, taken every year, one ab. *steinerti* Caspari, 28.vi.87 (BI-J); Burghclere, f.c., 13 in 1987 (GGE-F); Wellington Country Park, 1986-'87 (DY); East Woodhay, five each year in 1986 & '87 (RJH); Bordon district, 1970, c., but r. since (JWOH, 1973).
1816. *A. tridens* (D.& S.) Dark Dagger
p.370, add:
v.c.11 - Highcliffe (EHW); Lymington, 1980, bred from captured female (AJP); Sparsholt College, frequent at m.v.light, genitalia det. (AHD); Dean, nr. Winchester, 22.ix.80, one larva, moth bred; Winchester, 21.vii.77, one at m.v.light, genit.det. (DHS); Emer Bog, 30.vii.83, one at m.v.light, genit.det.; Droxford, 20.vii.72; Havant Thicket, sc. (JRL).
v.c.12 - Weyhill, bred *ab ovis* (MJ); Leckford, 16.x.88, one larva (DHS); Fyfield, Sept.-Oct.1972, 16 larvae on *Crataegus*, moths bred (ECLS); Crawley, 12.vi.75 (RAB).
1817. *A. psi* (Linn.) Grey Dagger
p.371.
1818. *A. auricoma* (D.& S.) Scarce Dagger
p.371.

1819. *A. rumicis* (Linn.) Knot Grass
p.371.
1820. *Simyra albovenosa* Goeze Reed Dagger
p.371, add:
v.c.12 - Crawley, 27.vi.- 6.vii.73, four (RAB).
1821. *Craniophora ligustri* (D.& S.) Coronet
p.371, add:
v.c.11 - Winchester, still f.c. (DHS).
v.c.12 - Crawley, taken every year at garden m.v.trap (RAB); Micheldever, v.sc. since 1959 (CHD); Burghclere, few every year at m.v.light (GGE-F); East Woodhay, two in 1986, four in '87 (RJH).
1822. *Cryphia algae* (Fabr.) Tree-lichen Beauty
v.c.11 - Southsea, 21.viii.91, one at m.v.light, genit.checked (JRL).
NEW COUNTY RECORD.
1823. *Cryphia domestica* (Hufn.) Marbled Beauty
p.372.
1824. *C. raptricula* (D.& S.) Marbled Grey
p.372.
1825. *C. muralis* (Forst.) Marbled Green
p.372, add:
v.c.10 - Headon Warren, 7.viii.75 (CCS); St.Lawrence, Sept.1980, a few, some interesting forms (EHW); Freshwater, f.c.; Godshill, f.c. (PJC); Shanklin, sev. (JMC); Queens Bower, Sandown, 27.vii.82, 28.vii.84 (NH); Cowes (DJH).
v.c.11 - Titchfield Haven, 2.viii.87, one at m.v.light; Portchester, f.c. to c. most years, and very variable (KJW, 1987); Widley, 1984, 29 recorded, two only in 1985 & '86, seven in 1987 (PMP); Cosham, 1985-'86 (MTMR); Southsea, still c., and very variable (JRL, 1991); Hayling Is., f.c. (JMW).
1826. *Amphipyra pyramidea* (Linn.) Copper Underwing
p.373, add:
v.c.10 - St.Lawrence, Sept.1980, a few (EHW); wood S. of Yarmouth, 21.viii.73, two; Brook Down, 23.viii.73, two & 28.viii.73 (CCS); Parkhurst Forest, 10.ix.24, sev. by S. Wakely (Cambridge University coll.); Godshill, occ. (PJC).
v.c.11 - Highcliffe (EHW); Emery Down, c. (BG); Crab Wood; Winchester (DHS); Upham, 17.viii.75 (DWHF); Widley, f.c. (PMP); Cosham, 1985-'86 (MTMR); Southsea, c. (JRL); Hayling Is., f.c. (JMW).
v.c.12 - Burghclere, f.c. at m.v.light (GGE-F, 1988); East Woodhay, two in 1987 (RJH); Old Basing, c., but *A. berbera* not yet recorded (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 152); Bordon district (JWOH, 1973).
1827. *A. berbera* Rungs Drab Copper Underwing
subsp. *svenssoni* Fletcher
p.373, add:
v.c.10 - Freshwater, one in 1982 (SAK-J); Chale Green, sev. (S. Colenutt, comm. SAK-J). NEW VCR.
v.c.11 - Highcliffe (EHW); Emery Down, v.c. (BG, JEC); Crab Wood; Winchester (DHS); Widley, 18 recorded in 1984, none in 1985, two in '86 and none in '87 (PMP); Cosham, 1985-'86 (MTMR); Southsea, occ. (JRL); Hayling Is., c. (JMW).
v.c.12 - Burghclere, f.c. at m.v.light (GGE-F, 1988); East Woodhay, up to three each year, 1985-'87 (RJH); Bordon district (JWOH, 1973).

1828. *A. tragopoginis* (Clerck) Mouse Moth
p.374.
1829. *Mormo maura* (Linn.) Old Lady
p.374, add:
v.c.10 - Freshwater, 15 & 21.viii.78, 11.viii.87 and August 1988, singletons (SAK-J); Norton Green, 27.vii.75 (CCS).
v.c.11 - Highcliffe (EHW); Lyndhurst, 20.vii.38 (CHD); nr. Woosons Hill, 29.vii.78, five; Winchester, occ. at m.v.light (DHS); Southsea, a few each year at m.v.light (JRL).
v.c.12 - Winnall Moors Nature Reserve, 13.viii.88, one at m.v.light (DHS); Old Basing, 29.vii.83, one at m.v.light (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 152); Wellington Country Park, 1986-'87, one at m.v.light; Axmansford woods, 1987 (DY).
1830. *Dipterygia scabriuscula* (Linn.) Bird's Wing
p.375, add:
v.c.10 - Freshwater, occ. (SAK-J, 1988); Godshill, few each year (PJC); Lake, 10.vii.83 (NH).
1831. *Rusina ferruginea* (Esp.) Brown Rustic
p.375.
1832. *Thalpophila matura* (Hufn.) Straw Underwing
p.375.
1833. *Euplexia lucipara* (Linn.) Small Angle-shades
p.375.
1834. *Phlogophora meticulosa* (Linn.) Angle-shades
p.375.
1835. *Pseudenargia ulicis* (Stdgr) The Berber
p.375.
1836. *Ipimorpha retusa* (Linn.) Double Kidney
p.375, add:
v.c.10 - Godshill Moor, 22.viii.78 (PJC); Haven Street, 7.viii.84 (JMC).
v.c.11 - Highcliffe (EHW); Lymington river, and occ. in garden trap (AJP, 1988); Emer Bog, larvae still c. (RAB); Southwick, 28.viii.66 (JRL); Hayling Is., 10-12.viii.76, four (JMW).
v.c.12 - Leckford, 5.viii.88, one at m.v.light (DHS); Burghclere, a few every year (GGE-F, 1988); Bramley, 1979, one at m.v.light Bramley Frith Wood, 18.vii.89, one at m.v.light (AHD); Wellington Country Park, f.c.; Axmansford, 1987 (DY).
1837. *I. subtusa* (D.& S.) The Olive
p.376, add:
v.c.10 - Combley Great Wood, 26.vii.80 (PJC).
v.c.11 - St.Ives, nr. Ringwood, 6.viii.88 (JC); Emery Down, 1979, one (JEC); Ashurst, 1978, one (JCAC); Crab Wood, one larva on aspen (RAB); Winchester, occ. at m.v.light (DHS); Southsea, 4.viii.81 (JRL); Hayling Is., 28.vi.76; Sandy Point, 27.vii.87 (JMW).
v.c.12 - Leckford, 23.viii.78, 11 & 16.viii.80, singletons at m.v.light (DHS); Crawley, 21.viii.72 (RAB); Overton, 25.viii.81, two at m.v.light; Oakley, 24.viii.81, one at m.v.light (AHD).

1838. *Enargia paleacea* (Esp.) Angle-striped Sallow
p.376, add:
v.c.11 - Winchester, 10.viii.80 (DHS). (See Bretherton & Chalmers-Hunt, 1981, *Entomologist's Rec.J.Var.* 93: 53).
1839. *E. ypsilon* (D.& S.) Dingy Shears
p.376, add:
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Emery Down, 1979, one (JEC); Sparsholt College, larvae on *Populus* and *Salix*, and moths at m.v.light and Rothamsted trap (AHD); Emer Bog, few; Winchester, singletons recorded most years at m.v. light (DHS); Southsea, one or two most years at m.v.light (JRL); Hayling Is. (JMW).
v.c.12 - Andover, May, 1982, larvae under willow bark (MJ); Leckford, 30.v.78, larvae c. under willow bark; Winnall Moors Nature Reserve, 25.vii.87, few at m.v.light (DHS); Burghclere, 1986, three, are only ones seen in last five years (GGE-F, 1988); Bordon district, occ. (JWOH, 1973).
1840. *Dicycla oo* (Linn.) Heart Moth
p.377, add:
v.c.12 - Wellington Country Park, one in 1984 (DY).
1841. *Cosmia affinis* (Linn.) Lesser Spotted Pinion
p.377, add:
v.c.10 - Tennyson Down, 30.vii.75 (CCS); St.Lawrence, Sept.1980, three (EHW).
v.c.11 - Highcliffe (EHW); Lymington, 14.viii.83, only record (AJP).
v.c.12 - Fyfield, 21.vii.73 (ECLS); Crawley, 1975, one and a few since (RAB); Bordon district, r. (JWOH, 1973).
1842. *C. diffinis* (Linn.) White Spotted Pinion
p.378, add:
v.c.10 - Shanklin, 2.viii.82, 11.viii.84 (JMC).
v.c.12 - Crawley, 30.vii.76, one at m.v.light (RAB); Micheldever, 19.vii.76, one at light (Dixon, 1977, *Entomologist's Rec.J. Var.* 89: 12).
1843. *C. trapezina* (Linn.) Dun-bar
p.378.
1844. *C. pyralina* (D.& S.) Lunar Spotted Pinion
p.378, add:
v.c.10 - Queens Bower, Sandown, 31.vii.86 (NH); Godshill, July 1985, one (PJC).
v.c.11 - Highcliffe, 26.vii.84, one at m.v.light (EHW); Lymington, singletons most years in garden trap (AJP, 1988); Needs Ore Nature Reserve, 14.vii.82, a few at m.v.light; Sparsholt, 31.vii.82, a few; Emer Bog, 30.vii.83, a few; Winchester, a few most years (DHS); Droxford, 14.vii.71 (JRL); Widley, 30.vii.84, 25 & 26.vii.85, singletons at m.v.light (PMP); Cosham, 1985-'86 (MTMR).
v.c.12 - Harewood Forest, 2.viii.80, f.c. at m.v.light; Leckford, f.c. at m.v.light (DHS); Burghclere, few every year at m.v.light (GGE-F, 1988); Wellington Country Park, 1986-'87 (DY); East Woodhay, five in 1986, none in 1985 or '87 (RJH); Oakley, 21.vii.84, one at m.v.light; Overton, few (AHD); Bordon district, c. (JWOH, 1973).
1845. *Apamea monoglypha* (Hufn.) Dark Arches
p.379.
1846. *A. lithorylea* (D.& S.) Light Arches
p.379.

1847. *A. sublustis* (Esp.) Reddish Light Arches
p.379, add:
v.c.11 - Crab Wood area, 16.vii.88, at light (DY); Sparsholt, f.c.; Teg Down, Winchester, 24.vii.87, a few; Winchester, few every year, 1975-'88 (DHS); Woodley, nr. Romsey; Pitt Down, c.; Little Butser Hill (AHD); Widley, 2.vii.86, 25.vi.87, singletons at m.v.light (PMP); Hayling Is., (JMW).
v.c.12 - Leckford, f.c. at m.v.light; Winnall Moors Nature Reserve, 6.vii.83, a few at m.v.light (DHS); Crawley, few most years up to 1980, but none since until one in 1988 (RAB); Burghclere, three in 1985, one in '88 (GGE-F).
1848. *A. oblonga* (Haw.) Crescent Striped
p.379, add:
v.c.10 - Freshwater, three only up to 1968, then one 22.vii.91 (SAK-J); Newtown, 25-26.vii.74, six & 4.viii.75, one (CCS).
v.c.11 - Portchester, 29.vi.78, one at m.v.light (KJW); Farlington Marsh, 15.vii.78 (JRL).
1849. *A. crenata* (Hufn.) Clouded-bordered Brindle
p.380.
1850. *A. epomidion* (Haw.) Clouded Brindle
= *characteria* (Hübner.)
p.380.
1851. [*A. furva* (D. & S.) Confused]
p.380.
1852. *A. remissa* (Hübner.) Dusky Brocade
p.380.
1853. *A. unanimitis* (Hübner.) Small Clouded Brindle
p.380, add:
v.c.12 - Burghclere, 10.v.89, second record (GGE-F).
1854. *A. anceps* (D. & S.) Large Nutmeg
p.381, add:
v.c.11 - Highcliffe, 10.vii.84, one at m.v.light (EHW); DHS writes, "Between 1975 and 1988, I have only come across two specimens in Hampshire. These were both in my garden trap (Winchester, v.c.11), on 9.vii.84 and 21.vi.88 respectively".
v.c.12 - Crawley, 30.vi.88, first in 17 years (RAB); Micheldever, becoming v.sc. (CHD, 1976); Burghclere, few every year at m.v.light (GGE-F, 1988); East Woodhay, singletons in 1986 & '87 (RJH); Overton, 23.vi & 8.vii.81, singletons at m.v.light; North Waltham, 1988, v.c. at m.v.light; Bramley Frith Wood, 1988, f.c. at m.v.light (AHD).
1855. *A. sordens* (Hufn.) Rustic Shoulder Knot
p.381.
1856. *A. scolopacina* (Esp.) Slender Brindle
p.381, add:
v.c.11 - Highcliffe (EHW); Emery Down, f.c. (JEC); Ashurst, few each year: ten in 1978 (JCAC); Emer Bog, 30.vii.83, one at m.v.light; Chandlers Ford, 3-9.viii.91, four at light (BG); Winchester, 3.viii.75, occ. since (DHS).
v.c.12 - Leckford, occ. (DHS); Crawley, 1973, two: subsequently increasing, and 12 recorded in 1982 (RAB); East Stratton, three in July-Aug.1988 (BI-J); Burghclere, f.c., 43 in 1985 (GGE-F); Wellington Country Park, 1986-'87 (DY); East Woodhay, up to six each year, 1985-'87 (RJH); Pamber Forest, 1980 & '81, larvae (AJP); Oakley, 1984, f.c. at m.v.light; Bartley Heath Reserve, Hook, 1987, sc. (AHD); Bordon district, c. (JWOH, 1973).

1857. *A. ophiogramma* (Esp.) Double-lobed
p.382, add:
v.c.10 - Chale Green, 1991, five (S. Colenutt, comm.SAK-J).
v.c.11 - Emery Down, 1979, one (JEC); Minstead, 1975, one (Siggs, 1976, *Entomologist's Rec.J.Var.* 88: 155); Ashurst, 17.vii - 18.viii.77, seven (JCAC); Chandlers Ford, 28.vii.91, one at light (BG); Winchester, few in garden m.v.trap every year, though there is no *Phalaris arundinacea* in the area (DHS); Titchfield Haven L.N.R., few in July 1987 (PMP); Droxford, sc.; Southsea, 15.vi.72 (JRL); Hayling Is., (JMW).
v.c.12 - Crawley, sc. (RAB); East Stratton, 6.viii.88, one at m.v.light (BI-J); Bordon district, sc. (JWOH, 1973).

Fairly common in all marshy areas in v.c.'s 11 & 12 (DHS).

1858. *Oligia strigilis* (Linn.) Marbled Minor
p.382, add:
v.c.10 - Brook, 20.vi.31, two (Bretherton, 1953, *Entomologist's Rec.J. Var.* 65: 131).
v.c.11 - Highcliffe (EHW); Emery Down, f.c. (JEC); Sparsholt College, sc. except in 1988 (AHD); Cosham, 1985-'86 (MTMR); Hayling Is., c., genitalia checked (JMW).
v.c.12 - Overton, 1981, nine at a Rothamsted trap; Bramley, 1979, eight at m.v.light; all dissected (AHD).

1859. *O. versicolor* (Borkh.) Rufous Minor
p.383, add:
v.c.11 - Emery Down, 11.vii.78 (JEC); Minstead, c., 79 in 1976 (Siggs, 1977, *Entomologist's Rec.J.Var.* 89: 174); Sparsholt College, 1988, two at m.v.light, genit. det., the first records (AHD); Chandlers Ford, 22.vii.91 and subsequently, sev. at light, genit.det. (BG); Winchester, one or two every year, 1975-'83, all genit.det.; Browndown, 26.vii.79, genit.det. (DHS); Droxford, 14.vii.71; Wickham, 19.vii.75, genit. det. (JRL); Cosham, 1985-'86 (MTMR).
v.c.12 - Leckford, 11.vii.87, genit.det. (DHS); East Woodhay, one in 1986 (RJH); Lordsfield, Overton, c.; Oakley, f.c., genitalia checked (AHD).

1860. *O. latruncula* (D.& S.) Tawny Marbled Minor
p.383, add:
v.c.11 - Highcliffe (EHW); Emery down, 1978, twenty-nine; 1979, thirty (JEC); Sparsholt College, c., genitalia checked (AHD); Cosham, 1985-'86 (MTMR); Hayling Is., c., genitalia checked (JMW).

1861. *O. fasciuncula* (Haw.) Middle-barred Minor
p.383.

1862. *Mesoligia furuncula* (D.& S.) Cloaked Minor
p.383.

1863. *M. literosa* (Haw.) Rosy Minor
p.384, add:
v.c.10 - Headon Warren (CCS).
v.c.11 - Highcliffe (EHW); Winchester, few every year at m.v.light (DHS); Widley, 27.vii.84, 25.vi.87, only records (PMP); Cosham, 1985-'86 (MTMR); Hayling Is. (JMW).
v.c.12 - Crawley, sc. (RAB); Micheldever, f.c. (CHD); Burghclere, 1984, two & '85, one (GGE-F); Overton, 1980-'81, occ. at Rothamsted trap (AHD); Bordon district, f.c. (JWOH, 1973).

- Mesapamea secalis* (Linn.) Common Rustic
p.384.

In 1983, H.Remm described a sibling species, *M. secalella* from Russia (Remm,

1983, *Ent.Obozr.* LXII: 596-600), which has been shown to be widespread in Europe along with *M. secalis* (see Fibiger, Mikkola, Moberg & Svendsen, 1984, *Nota Lepid.* 7(2): 121-131). A third species, *M. remmi* Rezbanyai-Reser, has now been found within the complex (see Rezbanyai-Reser, 1985, *Ent.Ber.Luzern.* 14: 127-148). All three have been reported from Hampshire; *M. secalis* and *M. didyma* (*secalella*) appear to be widespread and common, whereas only three British specimens of *M. remmi* have been discovered so far, all in Hampshire. It is possible that it may be a hybrid between the other two species. Males of *M. secalis* and *M. didyma* are readily separated by examination of the genitalia, females less easily; though differences in superficial features appear to exist, they should be used with caution.

M.Jordan, who has made a special study of the complex at Weyhill, v.c.12, has provided the following figures, based on dissections of complete catches on selected nights in 1984 and '85:

	number of each species in sample (% in brackets)		
	<i>secalis</i>	<i>didyma</i>	<i>remmi</i>
Weyhill, 1984	173 (94.5)	9 (4.9)	1 (0.5)
1985	349 (92.8)	25 (6.6)	2 (0.5)

the following additional records are all of dissected material:

1864. *M. secalis* (Linn.) Common Rustic
- v.c.10 - Ventnor, 2-6.viii.87, c. at m.v.light, genitalia checked (JRL, ECP-C)
- v.c.11 - Ladycross, 10.viii.85, at sugar (MJ); Chandlers Ford, males, 18.19, 21 & 24.vii.51 in BG coll., also in 1991, genit.det. (BG); Winchester, males in coll. 9.vii.68, 12.vii.68, 3.vi.87 (DHS); Southsea, c. (JRL); Havant, 1985, 14 *Mesapamea* examined, all this species (MJ); Hayling Is., occurs, genit.det. (JMW).
- v.c.12 - Weyhill, 1984-'85, over 90% of *Mesapamea* examined were this species (sample 559, see above); Bordon, 1989, present, but estimate of frequency still attendant on dissection of sample; Alice Holt, 5.viii.85, at m.v.light (MJ).
1865. *M. didyma* (Esp.) Lesser Common Rustic
= *secalella* Remm
- v.c.10 - Ventnor, 2-6.vii.87, f.c. at m.v.light, but less so than *M. secalis*; genitalia checked (JRL, ECP-C).
- v.c.11 - Highcliffe, at m.v.light in 1984 and '85 (EHW); Ladycross, 10.viii.85, at sugar (MJ); Hollands Wood, 11.viii.90; Sparsholt College, 13.viii.90, genit.det. by AM Riley (AHD); Chandlers Ford, males, 18.vii.51, three & 10.viii.52 in BG coll., also in 1991, genit.det. (BG); Winchester, males in coll. 18.vii.84, 21.vii.84, 22.vii.84(four) and 3.viii.84, all genitalia checked (DHS); Titchfield Haven, 1.x.86, male at m.v.light, genitalia det. (PMP); Southsea, f.c., about a quarter to a third as common as *M. secalis* (JRL); Hayling Is., occurs, genit.det. (JMW).
- v.c.12 - Leckford, 31.vii.87, one at m.v.light, genitalia checked (DHS); Weyhill, less than 7% of *Mesapamea* examined were this species (sample 559, see above); Alice Holt, 5.viii.85, at m.v.light; Bordon, 1989, present, but frequency still to be calculated (MJ).
1866. *M. remmi* Rezbanyai-Reser Remm's Common Rustic
- v.c.12 - Weyhill, 4.viii.84, female, 30.vii.85, female, 13.vii.85, male, all at m.v.light, genitalia det. (Jordan, 1989, *Entomologist's Rec.J.Var.* 101: 161-165).
NEW TO BRITAIN.
1867. *Photedes minima* (Haw.) Small Dotted Buff
p.384.

1868. [*P. extrema* (Hübner.) Concolorous]
p.384.
1869. *P. fluxa* (Hübner.) Mere Wainscot
p.384, add:
v.c.11 - Browndown, 10.vii.81, four seen (RAB).
1870. *P. pygmina* (Haw.) Small Wainscot
p.384, add:
v.c.10 - Godshill, f.c. (PJC).
1871. *Eremobia ochroleuca* (D. & S.) Dusky Sallow
p.385, add:
v.c.10 - Freshwater, occ., but f.c. at Freshwater Bay (SAK-J, 1988);, Yarmouth, 29.vii.78; Compton Bay, 9.viii.78, two; Brook Down, 23.viii.73 & 29.vii.75, c. (CCS); Queens Bower, Sandown, 6.viii.84 (NH).
v.c.11 - St. Ives, nr. Ringwood, 6.viii.88 (JC); Highcliffe (EHW); Sparsholt, 31.vii.82, few at m.v.light; Emer Bog, 30.vii.83, a few at m.v.light; Chandlers Ford, 16.viii.91, one at light (BG); Winchester, f.c. at m.v.light every year (DHS); Old Winchester Hill, c.; Southsea, 20.viii.74, one, and seen every year since (JRL); Titchfield Haven L.N.R., 18.viii.86, one at m.v.light; Widley, occ. (PMP); Cosham, 1985-'86 (MTMR); Little Butser Hill, 1977, sc. at m.v.light (AHD); Hayling Is., 9.viii.77 (JMW).
v.c.12 - Weyhill, c. (MJ); Leckford, f.c. (DHS); Crawley, f.c. (RAB); East Stratton, 5 & 6.viii.88, singletons at m.v.light (BI-J); Micheldever, numbers have increased greatly over the years, viz: 1969 (24), 1970 (48), 1971 (30), 1972 (10), 1973 (20), 1974 (23), 1975 (97) & 1976 (150) (CHD); Burghclere, 1984, seven & 1985, one, at m.v.light (GGE-F); East Woodhay, singletons in 1985 & '86 (RJH); Watership Down & White Hill, nr. Kingsclere, 22.vii.79, three in each locality, on ragwort flowers by day; Overton, often seen in flight by day over chalk turf; Bramley, 1979, two (AHD); Bordon district, f.c. (JWOH, 1973).
1872. *Luperina testacea* (D. & S.) Flounced Rustic
p.385.
1873. *L. nickerlii* (Freyer) ?subsp. Sandhill Rustic
p.385.
1874. *L. dumerilii* (Dup.) Dumeril's Rustic
p.385.
1875. *Amphipoea fucosa* (Freyer) Saltern Ear
subsp. *paludis* (Tutt)
p.385, add:
v.c.10 - Freshwater, 20.viii.88, one at m.v.light (SAK-J).
v.c.11 - Sparsholt College, 1.ix.87, one at m.v.light (AHD); Winchester, 11.viii.86, 8.viii.88, singletons at m.v.light (DHS); Widley, 13.viii.87, at m.v.light, genitalia checked by JMW (PMP); Cosham, 1985-'86 (MTMR); Southsea, now only v.occ. at m.v.light (JRL); Hayling Is. (JMW).
v.c.12 - Micheldever, one or two specimens most years, 1952-'69, not since (CHD).
1876. *A. oculatea* (Linn.) Ear Moth
p.386, add:
v.c.11 - Needs Ore Nature Reserve, 14.vii.82, a few; Ampfield, 1.ix.77, one; Winchester, first appeared at m.v.light in 1980, thereafter a few seen each year (DHS); Hayling Is. (JMW).
v.c.12 - Leckford, few (DHS); Crawley, unc. at m.v.light in garden (RAB); East Stratton, 8 & 14.viii.88, singles at m.v.light (BI-J); Micheldever, not seen after

1967, until two appeared in 1975 (CHD); Burghclere, f.c. still, up to 18 *p.a.* in the last five years (GGE-F, 1988); East Woodhay, one in 1986 (RJH).

1877. *Hydraecia micacea* (Esp.) Rosy Rustic
p.386.
1878. *H. petasitis* Doubl. Butterbur Moth
p.386, add:
v.c.11 - Ashurst, 31.vii & 2.viii.76 (JCAC); Winchester, 13.viii.75 (DHS).
v.c.12 - Weyhill, 26.vii.82, one at m.v.light (MJ); Leckford, 6.ix.75, male (ECLS), 2.ix.87 & 23.viii.90, single specimens (DHS); Chilbolton, 24.vi.79, sev. larvae (JEC); Crawley, 16.viii.74 and occasionally since (RAB); Itchen Abbas, 1975 (DHS).
1879. *Gortyna flavago* (D.& S.) Frosted Orange
p.386.
1880. *Celaena haworthii* (Curt.) Haworth's Minor
p.386, add:
v.c.11 - Emer Bog, 30.vii.83, one at m.v.light; Winchester, occ. singletons at m.v.light in garden (DHS). NEW VCR.
v.c.12 - Leckford, 6.ix.78, one at m.v.light (DHS); Crawley, 14.viii.75, one at m.v.light (RAB); Winnall Moors Nature Reserve, 13.viii.88, c. at m.v.light (BG, DHS *et al.*).
1881. *C. leucostigma* (Hübner) The Crescent
p.387, add:
v.c.10 - Freshwater, occ., sev. in 1991 (SAK-J); Chale Green, 15.viii.91 (S. Colenutt).
v.c.11 - Highcliffe (EHW); Lymington, 1.viii.76 (AJP); Lepe Marsh, 1972, four at m.v.light (AHD); Winchester, occ. singletons at m.v.light in garden (DHS); Titchfield Haven L.N.R., c.; Widley, 10.viii.86, 4.ix.86, 13.viii.87, singletons at m.v.light (PMP); Cosham, 1985-'86 (MTMR); Hayling Is. (JMW).
v.c.12 - Leckford, 6.ix.78, 21.viii.87, singletons at m.v.light (DHS); Crawley, 9.viii.83, one at m.v.light (RAB); Winnall Moors Nature Reserve, 13.viii.88, few at m.v.light (BG, DHS, *et al.*); East Stratton, 31.viii.87, 19.viii.88 (BI-J); Micheldever, 1970, two & 1973, one (CHD); Bordon district, sc. (JWOH, 1973).
1882. *Nonagria typhae* (Thunb.) Bullrush Wainscot
p.387.
1883. *Archanara geminipuncta* (Haw.) Twin-spotted Wainscot
p.387, add:
v.c.11 - Southsea, 30.vii.83, 19.viii.84, singletons at m.v.light (JRL).
1884. *A. dissoluta* (Treits.) Brown-veined Wainscot
p.387, add:
v.c.10 - Freshwater, occ. (SAK-J, 1991), 27.ix.86 (PJC).
v.c.11 - Highcliffe (EHW); Emer Bog, 30.vii.83, sev. at m.v.light; Winchester, occ. at m.v.light in garden (DHS); Southsea, 21.vii.59, 6.viii.82, 20.viii.87 (JRL); Hayling Is. (JMW).
v.c.12 - Leckford, a dozen seen in 1975 (ECLS); Burghclere, one in 1983 (GGE-F).
1885. *A. sparganii* (Esp.) Webb's Wainscot
p.388, add:
v.c.10 - Freshwater, not recorded in recent years (SAK-J, 1988); St. Helens, 1978 (PJC).
v.c.11 - Lymington River marshes, still c. (AJP, 1988); Denny Bog, 11.viii.79, pupae c. (BG); Emer Bog, 30.vii.83, one at m.v.light; Winchester, 1982, two at m.v.light in garden (DHS); Titchfield Haven, 2.ix.87, one at m.v.light (PMP); Browdown, 30.vi.75, larvae & pupae in stems of *Typha angustifolia* and *Scirpus tabernaemontanae* (Ffennell, 1975, *Entomologist's Rec.J.Var.* 87: 277).

1886. *A. algae* (Esp.) Rush Wainscot
p.388.
1887. *Rhizedra lutosa* (Hüb.) Large Wainscot
p.388, add:
v.c.10 - Godshill, f.c. (PJC); Whitwell, 12.x.71 (NH).
v.c.11 - Winchester, sev. at m.v.light in garden every year, 1976-'88 (DHS); Titchfield Haven L.N.R., 1986-'87, c.; Widley, occ. at m.v.light (PMP); Hayling Is. (JMW).
v.c.12 - Leckford, a few at m.v.light most years; on 12.x.85, there were over 100 in and around the trap (DHS); Crawley, 1973, few every year (RAB).
1888. *Sedina buettneri* (Her.) Blair's Wainscot
p.389.
1889. *Arenostola phragmitidis* (Hüb.) Fen Wainscot
p.389, add:
v.c.10 - Yarmouth, 29.vii.78; wood S. of Yarmouth, 31.vii.75; Freshwater Marsh, 1974-'75 (CCS).
v.c.11 - Ashurst, 1978, one (Craik, 1979, *Entomologist's Rec.J.Var.* 91: 136); Needs Ore Nature Reserve, 14.vii.82, f.c. (DHS); Lepe Marsh, sc.; Emer Bog, 29.vii.78, one at m.v.light (AHD), 30.vii.83, few at m.v.light; Winchester, 5.viii.75 and occ. since (DHS); Titchfield Haven L.N.R., 1986-'87, c.; Widley, 20 & 29.vii.84, 18.viii.85, singletons at m.v.light (PMP); Cosham, 1985-'86 (MTMR); Hayling Is. (JMW).
v.c.12 - Leckford, 18.viii.78, c., 14.vii.87, one; Winnall Moors Nature Reserve, 11.viii.83, a few, 13.viii.88, one; Itchen Abbas (DHS); Crawley, 13.viii.73 (RAB).
1890. *Oria musculosa* (Hüb.) Brighton Wainscot
p.389, add:
v.c.11 - Minstead, 4.vii.76 (Siggs, 1977, *Entomologist's Rec.J.Var.* 89: 175); Winchester, 8.vii.76, one at m.v.light, "since when I have not seen this species anywhere" (DHS).
v.c.12 - Crawley, during the 1970's this species was c. at m.v.light in the garden, but it has not been seen for at least five years (RAB, 1988); Micheldever, declining because of almost universal stubble burning, but 59 in 1976 (CHD, 1976); Stoke Charity, 28.vi.76, one (DO); Burghclere, one in 1983, not seen since (GGE-F, 1988).
1891. *Coenobia rufa* (Haw.) Small Rufous
p.390, add:
v.c.11 - Chandlers Ford, 3.viii.91, one at light (BG).
1892. *Charanyca trigrammica* (Hufn.) Treble Lines
p.390.
1893. *Hoplodrina alsines* (Brahm) Uncertain
p.390.
1894. *H. blanda* (D. & S.) The Rustic
p.391.
1895. *H. ambigua* (D. & S.) Vine's Rustic
p.391, add:
v.c.10 - Freshwater, now v.c. (SAK-J, 1988); St.Lawrence & Landslip, Sept.1980, the commonest moth at m.v.light (EHW).
v.c.11 - Ashurst, 1382 at m.v.light in 1977 (JCAC); Chandlers Ford, c. (BG, 1991); Sparsholt; Winchester, c.; Browndown; Hayling Is. (DHS).
v.c.12 - Leckford, f.c.; Winnall Moors Nature Reserve, 1983, c., 13.viii.88, one (DHS); Crawley, f.c. every year at m.v.light in garden (RAB); Itchen Valley, 26 between 25.v & 15.ix.76 (DWHF); Micheldever, 1972, two, 1973, one &

1974, one (CHD); Burghclere, c. in early years of the decade, but recent figures show a decline - 1984(148), '85(46), '86(15), '87(2) & '88(2) (GGE-F).

1896. *Spodoptera exigua* (Hüb.) Small Mottled Willow
p.391.
1897. *S. littoralis* (Boisd.) Mediterranean Brocade
p.392, add:
v.c.11 - Lymington, 13.x.78, one at m.v.light (AJP). See Bretherton & Chalmers-Hunt, 1979, *Entomologist's Rec.J.Var.* 91: 91.
1898. *Caradrina morpheus* (Hufn.) Mottled Rustic
p.392, add:
v.c.12 - Itchen Valley, 25.x.75, one at m.v.light: a very late date (DWHF).
1899. *C. clavipalpis* (Scop.) Pale Mottled Willow
p.392, add:
v.c.11 - During the autumn of 1989, there was a plague of larvae of this species in the thatch of a cottage in Chestnut Avenue, Eastleigh. The owners, Mr. & Mrs. Frith, sought advice from Mr. A.H. Dobson, who visited the cottage on 5.i.90 and found larvae in immense numbers, dropping off the thatch, falling down the chimneys; feeding on wheat reed (AHD).
1900. *Chilodes maritima* (Tausch.) Silky Wainscot
p.392, add:
v.c.11 - Ashurst, 1978, one (Craik, 1979, *Entomologist's Rec.J.Var.* 91: 136); Emer Bog, 28.vi.78, one at m.v.light (AHD), 4.vii.80, one; Winchester, 27.vi.76, three at m.v.light; Browdown, 27.vii.79, a few at m.v.light (DHS); Titchfield Haven L.N.R., July 1987, sev. at m.v.light (PMP); Southsea, 1976, sev. (JRL); Hayling Is. (JMW).
v.c.12 - Leckford, 1.viii.75, two at m.v.light (ECLS); Winnall Moors Nature Reserve, July 1983, five; Itchen Abbas, 1976, one (DHS).
1901. *Athetis pallustris* (Hüb.) Marsh Moth
p.393.
1902. *Acosmetia caliginosa* (Hüb.) Reddish Buff
p.393, add:

Still present in small numbers on the Isle of Wight: active measures to conserve the species are being undertaken (PW, 1991). No record from mainland Hampshire since 1961 (see Goater, 1974).
1903. *Stilbia anomala* (Haw.) Anomalous
p.394, add:
v.c.10 - Compton Chine, 26.viii.78, one by day resting on a grass stem (DHS). This is the first Island record since 1922 (BG).
v.c.11 - Highcliffe (EHW); Lymington, 25.viii.76, two at m.v.light (AJP); Minstead, 1976, one, only the second record (LWS).
1904. *Elaphria venustula* (Hüb.) Rosy Marbled
p.394, add:
v.c.11 - Minstead, 17 & 29.vi.76 (LWS); Emery Down, 25.vi.78 & 14.vii.79; Pond-head Inc., 3.vii.79 (JEC); Brockenhurst Woods, first record, 25.vi.81, few since (AJP); Ashurst, 1979, one (JCAC); nr. Woosons Hill, 10.vii.85, a few; Sparsholt, 8.vii.84, one at m.v.light; Emer Bog, 9.vi.84, many at dusk flying over bracken, 22.vi.85, one at m.v.light (DHS); Botley Wood, 1.vii.78, at BENHS Field Meeting (Langmaid, *Proc.Brit.ent.nat.Hist.Soc.* 12: 71); Southsea, 16.vi.76, one at m.v.light (JRL).
v.c.12 - Crawley, 1.vii.83, female at m.v.light (RAB).

1905. *Panemeria tenebrata* (Scop.) Small Yellow Underwing
p.394, add:
v.c.11 - Lymington & Marchwood, small colonies known (AJP, 1988); Longdown, nr. Ashurst, 27-29.v.78, a flourishing colony (JCAC); Curdridge, 29.v.78 (JRL); Hayling Is. (JMW).
1906. *Periphanes delphinii* (Linn.) Pease Blossom
p.395.
1907. *Pyrria umbra* (Hufn.) Bordered Sallow
p.395, add:
v.c.10 - Freshwater, occ. (SAK-J, 1988); Compton Down, 18.vi.88, one at m.v.light (PW).
v.c.11 - Winchester College, 1983, two (WCNHS Report); Winchester, 4.vii.76, 12.vii.86, 9.vii.87, singletons at m.v.light (DHS); Hayling Is. (JMW).
v.c.12 - Lindford, July 1970, five & 19.vii.72 (JWOH).
1908. *Helicoverpa armigera* (Hübner) Scarce Bordered Straw
p.396, add:
v.c.10 - Freshwater, 5.x.87, one by S.A. Knill-Jones (Bretherton & Chalmers-Hunt, 1988, *Entomologist's Rec.J.Var.* 100: 231), 15, 23 & 28.x.88 and 12.xi.88, singles at m.v.light (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 93).
v.c.11 - Ringwood, 30.x.75, two at m.v.light (Bobe, 1976, *Entomologist's Rec.J.Var.* 88: 99); Lymington, 20.x.80, 29.x.82, 3.x.83, 24.x.88 (2), at m.v.light (AJP); Highcliffe, 21.x.85, 19 & 22.x.87, 21.ix.88(3), 22.x.88(2), at m.v.light (EHW); Lymington, 27.ix.87 by A.S. Harmer; St.Ives, nr. Ringwood, 21.x.87, by Dr. J. Clarke (Bretherton & Chalmers-Hunt, 1988, *Entomologist's Rec.J. Var.* 100: 231); Romsey, 19.x.88, at m.v.light (Owen, 1989, *ibid.*, 101: 66); Winchester, 11.xi.88, fertile female at m.v.light (DHS); Southsea, 30.viii.62, 19.ix.87, 19.x & 9.xi.88 (JRL); Havant, 26 & 27.x.88 by J.W. Phillips (Bretherton & Chalmers-Hunt, 1989, *ibid.*, 101: 229).
v.c.12 - Crawley, 17.viii.79, 1980, one, 11.x.85, 15.vii, 22.ix & 27.x.87 and 20.x.88 (male and female), 22.x.88 (male) (RAB); East Stratton, 9.xi.88, one at m.v.light (BI-J).
1909. *Heliothis virescens* (Hufn.) Marbled Clover
p.396, add:
v.c.10 - Freshwater, 27.vii.85 (SAK-J).
v.c.11 - Martin Down, 28.vii.76, one by day in hot sunshine (Dickson, 1977, *Entomologist's Rec.J.Var.* 89: 77); Sparsholt College, 20.vii.89, mint male at m.v.light (AHD); Winchester, 16.vii.86 (DHS).
v.c.12 - Leckford, 30.vii.76, by day (Dickson, loc.cit.); Martyr Worthy, 25.vii.76, one at m.v.light (DWHF).
1910. *H. maritima* (Gras.) Shoulder-striped Clover
p.397.
1911. *H. peltigera* (D. & S.) Bordered Straw
p.397, add:
v.c.10 - Chale Green, 26.vii.91, two (S. Colenutt, comm.SAK-J).
1912. *Protoschinia scutosa* (D. & S.) Spotted Clover
p.397.
1913. *Eublemma ostrina* (Hübner) Purple Marbled
p.397.

1914. *E. parva* (Hübner.) Small Marbled
p.397, add:
v.c.11 - Southsea, 7.viii.80, one at m.v.light (Langmaid, 1980, *Entomologist's Rec.J.Var.* 92: 260).
1915. *E. noctualis* (Hübner.) Scarce Marbled
p.398.
1916. *Lithacodia pygarga* (Hufner.) Marbled White-spot
p.398, add:
v.c.12 - Harewood Forest, 11.vii.75 (ECLS); Micheldever, occ. (CHD); Burghclere, v.c., 266 in 1986 (GGE-F); East Woodhay, f.c. (RJH); Oakley, July 1984, two at m.v.light (AHD).
1917. *Eustrotia uncula* (Clerck) Silver Hook
p.398, add:
v.c.10 - Godshill, 2.vii.86, one (PJC).
v.c.11 - New Forest, still occurs; Emer Bog, f.c.; Winchester, 26.vi.76, two, 7.vii.77, one, at m.v.light (DHS).
v.c.12 - Leckford, 16.vii.87, one at m.v.light (DHS); Crawley, 12.vi.75 (RAB); Bordon district, c. (JWOH, 1973).
1918. *Deltote bankiana* (Fabr.) Silver Barred
v.c.11 - Denny Lodge, New Forest, 4.vii.85, one in a Rothamsted trap (Tillotson, 1986, *Entomologist's Rec.J.Var.* 98: 36). NEW COUNTY RECORD.
1919. *Earias clorana* (Linn.) Cream-bordered Green Pea
p.399, add:
v.c.10 - Freshwater, occ., but not recently (SAK-J, 1988).
v.c.11 - St.Ives, nr. Ringwood, 25.vi.88 (JC); Highcliffe (EHW); Burley Street, 26.vi.82 (MJ); Hayling Is. (JMW).
1920. *E. biplaga* (Walk.) Spiny Bollworm
v.c.11 - Lymington, 23.vii.82, male at m.v.light, det. D.S. Fletcher (Pickles, 1983, *Entomologist's Gaz.* 34: 2). Second British record. See Goater (1983).
1921. *E. insulana* (Boisd.) Egyptian Bollworm
p.399.
1922. *Bena prasinana* (Linn.) Scarce Silver Lines
p.399, add:
v.c.10 - Godshill, 27.vii.78, 9.viii.86 (PJC); Queens Bower, Sandown, 15.vii.86 (NH).
v.c.11 - Chandlers Ford, few in 1991 at m.v.light (BG); Southsea, occ. (JRL); Hayling Is. (JMW).
v.c.12 - Leckford, 31.vii.87, one at m.v.light (DHS); Crawley, 3.vii.76, female at m.v.light, only record (RAB); Burghclere, few, 11 in 1987 (GGE-F); East Woodhay, one or two each year, 1985-'87 (RJH).
1923. *Pseudoips fagana* (Fabr.) Green Silver Lines
p.399.
1924. *Nycteola revayana* (Scop.) Oak Nycteoline
p.399, add:
v.c.10 - Freshwater, sc.; one taken on 14.xii.88 (SAK-J).
v.c.11 - Needs Ore Nature Reserve, 14.vii.82, one at m.v.light; Holmhill, 10.vii.85, one; Sparsholt, occ.; Chandlers Ford, 1991, sev. at light after hibernation (BG); Winchester, occ.; Botley Wod, 10.ix.87, one pupa (DHS); Widley,

- 12.ix.87, one at m.v.light (PMP); Hayling Is. (JMW).
v.c.12 - Crawley, occ. in autumn and spring (RAB); Micheldever, 2.x.76, one: the first since 1966 (CHD); Burghclere, 1985, one, '86, four, '87, five & '88, two (GGE-F); East Woodhay, one in 1985, two in '87 (RJH).
1925. [*N.degenerana* (Hüb.) Sallow Nycteoline]
p.400.
1926. *Chrysodeixis chalcites* (Esp.) Golden Twin-spot
p.400, add:
v.c.11 - Highcliffe, 9.ix.85, one at m.v.light (Wild, 1986, *Entomologist's Rec.J.Var.* 98: 30). NEW VCR.
1927. *C. acuta* (Walk.) Tunbridge Wells Gem
p.400, add:
v.c.10 - Freshwater, 19.x.88, one at m.v.light (Knill-Jones, 1989, *Entomologist's Gaz.* 40: 93). NEW VCR.
1928. *Ctenoplusia limbirena* (Guen.) Scar Bank Gem
p.400, add:
v.c.10 - Freshwater, 18.viii.88, one at m.v.light (Knill-Jones, 1988, *Entomologist's Gaz.* 39: 336). Second Isle of Wight record.
1929. *Trichoplusia ni* (Hüb.) Ni Moth
p.400, add:
v.c.11 - Mudeford, 18.viii.53 (Carr, 1953, *Entomologist's Rec.J.Var.* 65: 350); Lymington, 11.vii.82, male & 16.ix.82, female (AJP); Southsea, 14.vii.82 (Langmaid, 1982, *ibid.* 94: 204); Hayling Is., 12.ix.82, one at m.v.light (JMW).
v.c.12 - Crawley, 17.ix.82, female & 20.ix.82, male, and 5.x.85, female (RAB); Old Basing, 10.vii.82 (Davey & Davey, 1984, *Entomologist's Gaz.* 35: 152); Medstead, 11.vii.82, by Dr. F.H.N. Smith; Weyhill, 11 & 16.ix.82, by M. Jordan (Bretherton & Chalmers-Hunt, 1983, *Entomologist's Rec.J.Var.* 95: 150).
1930. *Diachrysia orichalcea* (Fabr.) Slender Burnished Brass
p.401, add:
v.c.10 - Freshwater, 20.ix.87 by S.A. Knill-Jones (Bretherton & Chalmers-Hunt, 1988, *Entomologist's Rec.J.Var.* 100: 231).
v.c.11 - Lymington, 1.ix.80, one at m.v.light (AJP), and another, 5.ix.80 (Harmer, 1980, *Entomologist's Rec.J.Var.* 92: 200); Highcliffe, 21.viii.85, one at m.v.light (EHW); Boldre, 29.vii.83 by A.D. Russwurm (Bretherton & Chalmers-Hunt, 1984, *ibid.*, 96: 159); Brockenhurst, 15.viii.87, one at m.v.light (Russwurm, 1987, *ibid.*, 99: 280).
v.c.12 - East Stratton, 4.ix.88, one at m.v.light, now in Sterling coll. (BI-J). NEW VCR.
1931. *D. chrysitis* (Linn.) Burnished Brass
p.401, add:
v.c.12 - Clatford, 2.vii.91, melanic ab. at m.v.light (AHD).
1932. *D. chryson* (Esp.) Scarce Burnished Brass
p.401, add:
v.c.11 - Winchester, 20.vii & 3.viii.80, 1.viii.87, singletons at m.v.light (DHS); West Walk, 14.viii.87, one at m.v.light (KJW).
v.c.12 - Winnall Moors Nature Reserve, 22.vii.83, one, 25.vii.87, two, at m.v.light (DHS); Kingsworthy, 16 & 18.vii.91, singletons at m.v.light (AHD); Micheldever, one in 1975 (CHD); Burghclere, 25.viii.83 (GGE-F).
1933. *Macdunnoughia confusa* (Steph.) Dewick's Plusia
v.c.11 - Portsmouth, 28.viii.91, one at m.v.light by I.W.Lakin (comm.JRL).
NEW COUNTY RECORD.

1934. *Polychrisia moneta* (Fabr.) Golden Plusia
p.401, add:
v.c.10 - Godshill, 9.vii.86, one (PJC).
v.c.11 - Hayling Is. (JMW).
v.c.12 - Weyhill, 15.vii.81, one at m.v.light (MJ); Burghclere, singletons in 1985 & '87 (GGE-F); East Woodhay, singletons in 1986 & '87 (RJH); South Warnborough, 7.vii.87, one (PR); Bordon dist., f.c. (JWOH, 1976).
1935. *Plusia festucae* (Linn.) Gold Spot
p.402, add:
v.c.10 - Godshill, 1984, one; 10.vi & 7.vii.86; 26.v.87 (PJC); Queens Bower, Sandown, 8.ix.70, 14.ix.71 & 14.ix.87 (NH).
v.c.11 - Lymington, 7.ix.86, one at m.v.light (AJP); Titchfield Haven L.N.R., 18.viii.87, one at m.v.light (PMP); Hayling Is. (JMW).
v.c.12 - Weyhill, 15.vii.81, one (MJ); Crawley, occ. (RAB); Micheldever, singletons at m.v.light again in 1971 & '75 (CHD).
1936. *Autographa gamma* (Linn.) Silver Y
p.402.
1937. *A. pulchrina* (Haw.) Beautiful Golden Y
p.403, add:
v.c.10 - Godshill, occ., becoming f.c. from 1986 (PJC, 1989).
1938. *A. jota* (Linn.) Plain Golden Y
p.403, add:
v.c.10 - Godshill, more frequent than *A. pulchrina* (PJC); Queens Bower, Sandown, 15.vii.86, 31.vii.88 (NH).
1939. *A. bractea* (D. & S.) Gold Spangle
p.404.
1940. *Syngrapha interrogationis* (Linn.) Scarce Silver Y
p.404.
1941. *S. circumflexa* (Linn.) Essex Y
v.c.11 - Sway, 29.vii.79, male at m.v.light (Torlesse, 1980, *Entomologist's Rec.J.Var.* 92: 28). See Goater (1983).
1942. *Abrostola trigemina* (Wern.) Dark Spectacle
p.404, add:
v.c.11 - Highcliffe, 1.viii.88, one at m.v.light (EHW); Southsea, 8.v.71 (JRL); Hayling Is., 6.x.85 & 10.vii.86, latter appeared at light with *Mythimna loreyi* (JMW): (see Bretherton & Chalmers-Hunt, 1987, *Entomologist's Rec.J.Var.* 99: 250).
v.c.12 - Micheldever, another one in 1971 (CHD).
1943. *A. triplasia* (Linn.) Light Spectacle
p.404.
1944. *Catocala fraxini* (Linn.) Clifden Nonpareil
p.404, add:
v.c.10 - Freshwater, 7.x.86, by Dr.C. Pope (Bretherton & Chalmers-Hunt, 1987, *Entomologist's Rec.J.Var.* 99: 250).
v.c.11 - Lymington, 1.x.81, female at m.v.light, laid 102 fertile eggs (Harmer, 1982, *Entomologist's Rec.J.Var.* 94: 40); Highcliffe, 10.ix.82, one on wall beside m.v.light trap (Wild, 1982, *ibid.*: 204).

1945. *C. nupta* (Linn.) Red Underwing
p.405.
1946. *C. promissa* (D.& S.) Light Crimson Underwing
p.405, add:
v.c.10 - Shanklin, 12.ix.79 & 14.viii.82 (JMC). First confirmed records for the Isle of Wight.
v.c.11 - Highcliffe, 4.viii.82, one at m.v.light (Wild, 1982, *Entomologist's Rec.J.Var.* 94: 204); Frame Wood, 1978-'79, f.c. (JEC); Parkhill Inc., 20.v.87, two larvae beaten; adults v.c. at sugar, late summer (JC). This species has been fairly common again recently in the New Forest.
1947. *C. sponsa* (Linn.) Dark Crimson Underwing
p.405, add:
v.c.11 - Frame Wood, 19.viii.79, three at sugar (JEC); Parkhill Inc., 1987, one at sugar (JC). Following a period of great scarcity in the New Forest, *C. sponsa* has reappeared in moderate numbers very locally. Southsea, 2.viii.84, one at m.v.light (Langmaid, 1985, *Entomologist's Gaz.* 36: 30); Hayling Is., 19.viii.86, one at m.v.light (JMW): (see Bretherton & Chalmers-Hunt, 1987, *Entomologist's Rec.J.Var.* 99: 250).
1948. *C. nymphagoga* (Esp.) Oak Yellow Underwing
v.c.11 - Denny Lodge, New Forest, 31.vii.82, one taken in a Rothamsted trap, three days after one captured in a similar trap at Tregaron, Cards. (Tillotson, 1983, *Entomologist's Rec.J.Var.* 95: 133-134). These are the first records for Britain of this south European species. See Goater (1983).
1949. *Minucia lunaris* (D.& S.) Lunar Double Stripe
p.406.
1950. *Callistege mi* (Clerck) Mother Shipton
p.406.
1951. *Euclidia glyphica* (Linn.) Burnet Companion
p.406, add:
v.c.10 - Brading Down, June 1976, four seen (G. Summers, 1977, *Entomologist's Rec.J.Var.* 89: 4).
1952. *Catephia alchymista* (D.& S.) The Alchymist
p.406.
1953. *Tyta luctuosa* (D.& S.) Four-spotted
p.406, add:
No record of this interesting species has been received for the area under review since the publication of the original List in 1974. It must be presumed lost.
1954. *Lygephila pastinum* (Treits.) Blackneck
p.407, add:
v.c.10 - Freshwater Marsh, 21.vii.74 (CCS); Cranmore, 16 & 29.vi.88, sev. (PJC); Firestone Copse, 20.vi.88 at m.v.light (PW).
v.c.11 - Winchester, a few every year at m.v.light (DHS); Hayling Is. (JMW).
v.c.12 - Weyhill, few each year (MJ); Leckford, 26.vii.86, 11.vii.87, singletons at m.v.light (DHS); Crawley, occ., much scarcer of late (RAB); Burghclere, occ., four in 1986 (GGE-F); East Woodhay, one in 1986 (RJH).
1955. *Tathorhynchus exsiccata* (Led.) Levant Black-neck
p.372.

1956. *Scoliopteryx libatrix* (Linn.) Herald
p.407.
1957. *Phytometra viridaria* (Clerck) Small Purple-barred
p.407.
1958. *Colobochyla salicalis* (D.& S.) Lesser Belle]
p.407.
1959. *Laspeyria flexula* (D.& S.) Beautiful Hook-tip
p.407, add:
v.c.11 - Minstead, 111 recorded at m.v.light in 1976 (Siggs, 1977, *Entomologist's Rec.J.Var.* 89: 175).
1960. *Rivula sericealis* (Scop.) Straw Dot
p.407, add:

DHS writes, "I found this species common until 1977, completely absent in 1978 and '79, numbers increasing again between 1980 and '82, and common again from 1983 to '88".
1961. *Parascotia fuliginaria* (Linn.) Waved Black
p.407, add:
v.c.11 - Brockenhurst, 31.vii.85, one netted at night (Mackintosh, 1986, *Entomologist's Rec.J.Var.* 98: 32); Matley Bog, light in 1978, and four in 1979 (JCAC); Chandlers Ford, 8.viii.91, one at light (BG).
There has been only one previous record in v.c.11, in the extreme west of the vice-county.
v.c.12 - Burghclere, singletons in 1985 & '87 (GGE-F); Bordon district, 1971-'73, several (JWOH).
1962. *Hypena crassalis* (Fabr.) Beautiful Snout
p.408, add:
v.c.10 - Cranmore 29.vi.86, one (PJC)); Bouldnor, 17.vi.88 (PW).
NEW VCR.
v.c.11 - Winchester, 12.vii.83, one at m.v.light - a surprising record (DHS); Wickham, sc. (JRL).
v.c.12 - East Stratton, 2.vii.87, one at m.v.light (BI-J); Burghclere, up to three every year at m.v.light (GGE-F, 1988).
1963. *H. proboscidalis* (Linn.) The Snout
p.408.
1964. *H. rostralis* (Linn.) Buttoned Snout
p.408, add:
v.c.11 - Southsea, 27.vii.76 and occ. since (JRL); Hayling Is., 20.ix.77 and occasionally since (JMW).
1965. *Schrankia taenialis* (Hübner.) White-line Snout
p.409, delete:
v.c.11 - Minstead, three in 1966, one in 1967. These are incorrect (LWS).

add:
v.c.10 - Brook Down, 2.viii.74 (CCS).
v.c.11 - Highcliffe (EHW); Crab Wood, seen fairly commonly between 1975 and 1979 along one particular track. This was then used for riding, since when only one or two have been seen, the last in 1985 (DHS), 12.vii.88, one netted at dusk (JC); Corbridge, 13.vii.73, two; East Walk, Wickham, 11.vii.73, one netted at dusk (RJD).

1966. *S. costaestrigalis* (Steph.) Pinion-streaked Snout
p.409, add:
v.c.10 - Freshwater Marsh, 27.ix.86, c.; Alverstoke, c.; also found quite commonly in June 1988 at Cranmore, Parkhurst Forest & Firestone Copse (PJC); wood S. of Yarmouth, 31.vii.75 (CCS); Bouldnor, 21.vi.88 (PW). v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Highcliffe (EHW); Crab Wood 1975 & '76; Emer Bog, 30.vii.83, a few; Winchester, at m.v.light every year (DHS); Titchfield Haven L.N.R., sev. in autumn 1986 & '87, at m.v.light (PMP); Hayling Is. (JMW).
v.c.12 - Leckford, a few most years at m.v.light; Winnall Moors Nature Reserve, July 1983, a few, 13.viii.88, one, at m.v.light (DHS); Crawley, occ. (RAB); Burghclere, few every year at m.v.light (GGE-F, 1988).
1967. *Hyphenodes humidalis* (Doubl.) Marsh Oblique-barred
= *turfosalis* (Wocke)
p.409, add:
v.c.11 - St.Ives, nr. Ringwood, 1988 (JC); Highcliffe (EHW); Holmhill, July 1979, v.c. at dusk, 1980, only a few; Mallard Wood, 3.vii.82, a few; Emer Bog, 1983; Winchester, occ. at m.v.light in garden (DHS); Puttles Bridge, abdt.; Woodley, nr. Romsey, 1973, two at street lights (AHD).
1968. *Polypogon strigilata* (Linn.) Common Fan-foot
p.410, add:
v.c.10 - Cranmore dist., June 1988 (PW).
v.c.11 - Wickham, 12.vi.65 (JRL).
v.c.12 - Pamber Forest, 7.vi.80 (AJP), 1982, sev. (BG); Bordon district, c. (JWOH, 1973).
1969. *P. tarsipennalis* (Treits.) Fan-foot
p.410.
1970. *P. nemoralis* (Fabr.) Small Fan-foot
p.410, add:
v.c.10 - Nunny's Wood, 21.vi.82, f.c. (PJC); Queens Bower, Sandown, 2.vii.86 (NH).
1971. *Macrochilo cribrumalis* (Hübner.) Dotted Fan-foot
p.411, add:
v.c.11 - Emer Bog, still present in the 1980's (RAB, DHS). This remains the only known locality in Hampshire.
1972. *Paracolax glaucinalis* (D.& S.) Clay Fanfoot
= *derivalis* (Hübner.)
p.411.
1973. *Trisateles emortualis* (D.& S.) Olive Crescent
p.411.

ADDENDA

The following interesting new records came to hand after the compilation of the above list.

180a. *Trichophaga mormopis* Meyr.

- v.c.10 - 11 specimens in the L.T.Ford collection labelled 'I. of Wight, Sept. 1930, L.T.Ford/ex L. on fur.' *The Moths and Butterflies of Great Britain and Ireland* 2: 192.

456a. *Coleophora ramosella* Zell.

- v.c.12 - Chilbolton Down, 3.vii.66, male taken by the late DWH. Ffennell, recently identified as this species from study of the genitalia slide (JRL).
NEW COUNTY RECORD.

832a *Acleris logiana* (Clerck)

- v.c.11 - Botley Wood, larva in folded leaf of *Betula*, 31.x.91. Moth, a female, emerged sometime in late autumn, and was found dead and desiccated on 8.iii.92. Genitalia det. (JRL). FIRST RECORD FOR ENGLAND.
An extraordinary record of a species which in Britain was believed to be confined to the Highlands of Scotland.

1141a *Etiella zinckenella* Treits.

- v.c.11 - Warsash, 1.x.90, one at light, identified by JRL (PMP).
SECOND BRITISH RECORD.

APPENDIX 1 Additional localities mentioned in the text

v.c.10 Isle of Wight

America Woods	SZ/5682	Norton Green	SZ/3488
Five Houses	SZ/4287	Queens Bower	SZ/5684
Landslip	SZ/3991	Rowlands Wood	SZ/5689
Merstone	SZ/5285	SteePhill Cove	SZ/5576
		Upper Hyde	SZ/5681

v.c.11 South Hants

Amberwood	SU/2013	Locks Heath	SU/5107
Battramsley	SU/3099	Lower Test Marshes N.R.	SU/3614
Boarhunt	SU/6008	Mallard Wood	SU/3109
Braishfield	SU/3725	Markway	SU/2503
Brownwich	SU/5203	Marwell Park	SU/5021
Clanfield	SU/7016	Park Gate	SU/5208
Curbridge	SU/5211	Parnholt Wood	SU/3728
Curdrige	SU/5313	Pig Bush	SU/3604
Dean, nr. Winchester	SU/4431	Puttles Bridge	SU/270029
Dockens Water Valley	SU/1810	Queen Elizabeth Forest	SU/7218
Eling	SU/3612	Rowner Wild Grounds	SU/5801
Exton	SU/6120	Shedfield Common	SU/5513
Farlington Marsh	SU/6804	Soberton	SU/6116
Fletchwood Copse	SU/3310	Stephens Castle Down	SU/5621
Gosport	SU/5800	Teg Down	SU/4529
Haslar	SZ/6198	Thorns Beach	SZ/3996
Hen Wood, East Meon	SU/6522	Waltham Chase	SU/5615
Hilsea	SZ/6603	White Moor	SU/3108
Horsea Is.	SU/6304	Wickham	SU/5711
Horton Heath	SU/4916	Wickham Common	SU/5810
Knowle	SU/5609	Widley Wood, Southwick	SU/6507
Little Butser Hill	SU/709208	Woodley	SU/3722
		Woosons Hill	SU/2508

v.c.12 - North Hants

Armsworth	SU/6037	Newtown Common	SU/4762
Ashford Hill	SU/5562	Northington	SU/5637
Axmansford	SU/5661	Oakley	SU/5650
Bramdean Common	SU/6329	Overton	SU/5149
Bramshott Common	SU/8633	Over Wallop	SU/2838
Cholderton	SU/2242	Stratfield Saye	SU/6861
Lindford	SU/2519	Weeke	SU/4630
Longmoor	SU/8031	Weyhill	SU/3146
Longparish	SU/4344	Whiteparish	SU/2423
Nether Wallop	SU/3036	Winnall Moors	SU/4830
		Woodmancott	SU/5642

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